

DEPARTMENT OF PUBLIC HEALTH

1915-16

SAN FRANCISCO



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REPORT

OF THE

DEPARTMENT OF PUBLIC HEALTH

SAN FRANCISCO, CALIFORNIA

FOR THE

FISCAL YEAR JULY 1, 1915—JUNE 30, 1916

ARTHUR H. BARENDT, President.

GUY E. MANNING, M. D.	LAWRENCE ARNSTEIN.
A. P. O'BRIEN, M. D.	FRANK J. KLIMM.
GEORGE B. SOMERS, M. D.	ARTHUR M. SHARP.

WM. C. HASSLER, M. D., Health Officer.

GEO. M. CONVERSE, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

San Francisco, California, August 15, 1916.

Honorable James Rolph, Jr.,
Mayor, City and County of San Francisco.

Sir:—In conformity with the provisions of Article 9, Section 16, of the Charter of the City and County of San Francisco, I have the honor to submit herewith a report of the Department of Public Health covering the fiscal year ending June 30, 1916.

In formulating its report for the two previous fiscal years, this Department adopted the recommendation of the American Public Health Association, namely that an effort be made to create a uniformity in the style of Health reports for American cities, and in this report we will follow the procedure thus inaugurated. We repeat here the plan of arrangement as set forth by the Public Health Association:

- "A", Title page.
- "B", Composition of the Board of Health.
- "C", Financial Statement.
- "D", Diseases Dangerous to Public Health.
- "E", Infant Mortality.
- "F", School Inspection.
- "G", Food inspection.
- "H", Nuisances.
- "I", Municipal Wastes.
- "J", Inspection of Plumbing.
- "K", Research, Education and Publicity Work.
- "L", Other Work Done During the Year.
- "M", Rules Passed Since Last Report.
- "N", Local Problems.
- "O", Recommendations.
- "P", Vital Statistics.

"A"

TITLE PAGE

The title page of this report will show the following names as constituting the membership of this board:

Arthur H. Barendt, President	
Guy E. Manning, M. D.	Lawrence Arnstein
A. P. O'Brien, M. D.	Frank J. Klimm
Geo. B. Somers, M. D.	Arthur M. Sharp

"B"

COMPOSITION OF THE BOARD OF HEALTH

No change has taken place in the composition of the personnel of the Board since the previous fiscal year (three physicians, four laymen).

Mr. Lawrence Arnstein, who had been appointed Nov. 18th, 1913, to fill the unexpired term of Mr. D. J. Murray, was re-appointed on December 23, 1915, to succeed himself, for a period of seven years.

The internal organization of the Health Department is as follows:

EXECUTIVE HEAD—HEALTH OFFICER

This official has general executive supervision over the following bureaus and divisions: (*See foot note.)

- Bureau of Sanitation
- Bureau of Laboratories
- Clerical Division
- Division of Accounts
- Division of Dairy and Milk Inspection
- Division of Food Inspection
- Division of Meat and Market Inspection
- Division of Plumbing Inspection
- Division of Industrial Inspection
- Division of Tenement House Inspection
- Division of School Health Inspection
- Division of Public Charities, which includes
 - City Physician
 - Social Service Workers
 - Inspector of Indigents
 - Emergency Hospitals
 - San Francisco Hospital (General)
 - Tuberculosis Hospital
 - Isolation Hospitals
 - Relief Home for Aged and Infirm.

"C"

FINANCIAL STATEMENT

An exhaustive compilation of the expenditures of the entire department, including Central Office, Special Sanitation, Emergency Hospitals, San Francisco Hospital, Isolation Hospital and Relief Home for Aged and Infirm appears on page 12 (Table No. 1).

This table is worked out in minute detail and gives in unit cost the expense of conducting the Central Office with its many bureaus and divisions.

* Note.—Under the heading of Title "C" (Financial Statement) pages 11 to 27 will be found a complete segregation of the various Bureaus and Divisions showing the number of inspectors, etc., employed in each class.)

"D" DISEASES DANGEROUS TO THE PUBLIC HEALTH**Sub. 1. Methods for Protection of the Community.****Quarantinable Diseases.**

Diphtheria—Quarantine period not less than ten days from date of notification to the Health Office, usual length of quarantine twenty-eight days. Two successive "Negative" swabs taken five days apart must be shown before quarantine can be raised and disinfection performed. All contacts of school age are excluded from school during period of quarantine.

Scarlet Fever—Four weeks from date of report of case to Health Office. All contacts excluded from school.

Poliomyelitis (Infantile Paralysis)—Largely within the discretion of the Health Officer. At least thirty days from date of report of case to Health Office; longer when deemed necessary to adequately protect the public. Contacts rigidly excluded from school.

Smallpox—Police quarantine on premises, where cases are not removed to Isolation Hospital, such quarantine maintained until complete recovery is established.

Non-quarantinable Diseases.

The following diseases, while coming under the heading of "reportable" cases, are not subject to house quarantine, but periods of exclusion from school for patients and "contacts" are fixed as follows:

Measles—Three weeks from date of report.

Parotitis (Mumps)—Two weeks from date of report.

Pertussis (Whooping Cough)—Two weeks after paroxysms have ceased.

Varicella (Chickenpox)—Two weeks from date of report.

Impetigo, Scabies and other like affections—These cases are excluded from attendance at school at the discretion of the Medical Inspector or School Nurse until recovery is established and danger of communication of infection is removed.

In all cases of quarantinable diseases disinfection with Formaldehyde gas follows at the expiration of the time limit for quarantine, or upon notification of recovery, except in the case of smallpox, where sulphur fumigation usually follows:

Sub. 2. Comments on the Prevalence of Disease.

Mumps led in the class of minor communicable diseases with a total of 1384 cases for the fiscal year, the lowest point being in July, 1915, with 3 cases reported, the highest month being March, 1916, with 365 cases.

Chickenpox came next in order with 1016 cases, July, 1915, registering lowest with 18 cases, March, 1916, being highest with 149 to its credit.

Measles cases reported during the year were very light (total 135) especially when compared with fiscal year 1914-15 when 4199 cases were reported and in 1913-14 when 1996 cases were charged up.

Whooping cough cases totalled 619 as against 346 in 1914-15 and 1436 in 1913-14.

In the major communicable diseases, Diphtheria comes first with 1247 cases, scarlet fever closely following with 1123 cases to its credit. In 1914-15 diphtheria was charged with 1484 cases while in 1913-14 cases totalled 448. For 1914-15 scarlet fever had 288 cases and in 1913-14 was tabbed for 413 cases.

Table No. 2, page 29, furnishes a full and detailed report of all communicable diseases reported during the fiscal year.

Table No. 3, page 30, indicates cases reported and deaths from principal communicable diseases during the calendar year 1915.

Table No. 4, page 31, is a compilation showing cases reported and deaths from principal communicable diseases, by yearly periods since the year 1906.

Sub. 3. Bacteriological Laboratory.

Table No. 5, page 32, prepared by the Director of Laboratories, shows examinations made during the year for diphtheria, tuberculosis, typhoid fever, rabies and venereal diseases.

Sub. 4. Isolation Hospital.

Table No. 6, page 37, presents a resume of the number of cases admitted to the Isolation Hospital for treatment for various communicable diseases.

Sub. 5. Care of Cases Outside of Hospital.

No provision whatever is made for outside treatment by this Department of any case of communicable disease. Only those who are admitted to the Isolation Hospital are given this consideration.

Sub. 6. Control of Tuberculosis.

Up to this writing the Health Department has not made any effort in a general way at least, to assume the responsibility of handling a task admittedly of large proportions. Only cases admitted to the Tuberculosis Hospital for treatment come directly under the supervision of this department.

However, in the forthcoming budget estimate for the fiscal year 1916-17 the Board of Supervisors will be asked to set aside an appropriation of sufficient size to establish at least the nucleus of a Bureau of Tuberculosis to be under the direct control of the Board of Health.

Sub. 7. Distribution of Antitoxin.

Table 8, page 38, will give figures showing extent of distribution of free diphtheria antitoxin during the fiscal year.

Sub. 8. Vaccination.

Compulsory vaccination we regret to say is not in force in this city. The State compulsory vaccination law was repealed several years ago by the Legislature and we do not agree that this was an exceedingly wise act.

Our department has a regulation in force which is applied in the case of children entering school for the first time, i. e., that they cannot attend unless vaccinated, or they must present a statement signed by parent or guardian to the effect that there is a conscientious objection to such procedure.

When smallpox may be prevalent, all "contacts" must be vaccinated before being permitted to return to school or to work, as the case may be.

VACCINES—BACTERIOLOGICAL LABORATORY

During the year there were prepared and distributed: 131 ampoules of Typhoid Vaccine, 14 ampoules autogenous vaccine and 16 ampoules Mercurialized serum.

Sub. 9. Disinfection.

Table No. 9, page 39, gives in detail a comprehensive report of fumigations performed after communicable diseases.

(The cost of this work is set forth in Table No. 1, page 19.)

Sub. 10. Maritime Quarantine.

This is not a municipal function. It is strictly under Federal and State regulation.

"E"

INFANT MORTALITY

Table No. 10, appearing on page 40, shows statistics covering mortality of children under one year of age, during the calendar year 1915.

"F"

SCHOOL HEALTH INSPECTION

Herewith is reproduced a statement prepared by the Chief Medical Inspector of Schools furnishing a resumé of the accomplishments for the fiscal year under this division, which is of more than passing interest:

"The fiscal year ended June, 30th, 1916, has witnessed additional progress in the health inspection of schools.

During the year special attention was given to the hygiene of school buildings and the environment of these buildings, and whenever money was available, recommendations aiming at the betterment of unhygienic conditions were acted upon promptly and satisfactorily by the Board of Education.

In the control of diphtheria in the schools, the plan of taking routine throat and nose cultures of a class in which two or more cases of clinical diphtheria occurred, has yielded excellent results, and will be continued whenever necessity requires such procedure.

The present post-card method of the notification of parents where physical defects are found in children is a faulty one. Arrangements have been made to have such notices sent from the Central Office in a sealed envelope, which method will be productive of more satisfactory results. I desire to call your special attention to the installation of a central office card system record of the remediable defects found in school children. This gives the department definite and accurate knowledge of results obtained in this important branch of school inspection.

During the year two dental chairs were installed by Mothers' clubs, one in the Garfield School, corner of Kearny and Greenwich streets, and another in the Visitacion School. Altho the inauguration of these clinics by private philanthropy is a praiseworthy one, the establishing of dental clinics for the poor is a municipal problem and should be financed by and be under the control of the municipality.

Immediately following the close of the schools in June, the school nurses were put into the field to "follow up" the defect notices that had been issued to parents during the year. This is one of the most important of the varied functions of the school nurse. In the discharge of this duty, the nurse must explain to parents the nature of physical defects, and the necessity of having them corrected, in order to improve the efficiency of school progress. The school nurse thereby presents the child's side of the case, and in accomplishing results, renders an inestimable benefit to the community and social medicine. During the month of June, 1916, home visits to the number of 882 were made by the school nurses.

Negotiations are now under way with the authorities of Parochial schools aiming to include these schools within the scope of medical inspection. The consummation of such a plan would give the Health Department full knowledge and control of communicable diseases occurring in all children of school age, and would appreciably decrease the number of such diseases in the community.

REPORT ON AN OPEN AIR SCHOOL

(March, 1916.)

We visited the Open Air School, Greenwich Street above Jones, and found twenty-five children in attendance; just the number that can be comfortably accommodated with the present facilities. Altho this school has been in operation but four weeks, the improved nutrition of the children in attendance is most obvious. One child has gained eight pounds, and another three; the average gain is recorded as two and eleven sixteenths pounds. Haemoglobin

charts show gains commensurate with improved general conditions. Herewith is submitted a specimen daily menu:

9:15 a. m. Gruel 10 ozs., bread and marmalade.

12 noon. Split pea soup; spaghetti with tomatoes; apple sauce and bread.

2:30 p. m. Pasteurized milk, 10 ozs.

The teacher in charge reports that these children are making very satisfactory school progress. The participation of the children in the setting of the table, and other duties incident to the noonday meal has the excellent educational value of teaching cleanliness, and good manners to those whose home conditions very often precludes development along these lines." See Table 11, page 43, for statistical report of this division.

"G"

FOOD INSPECTION

Table No. 12, page 44, presents figures showing inspections made of the various lines of business engaged in the sale and distribution of food supplies, including milk and dairy produce.

Condemnations and seizures of products unfit for human consumption are also shown.

Special inspection of restaurants, hotel kitchens, and places of a like character was inaugurated during the year, one sanitary inspector being detailed to this particular duty.

The results accomplished are shown as a part of Table No. 12.

Sub. 1. Dairy Inspection.

Table No. 13, page 45, indicates the work performed under this head. The table in question deals with two sets of inspectors—city and country. The first named (two in number), are laymen, and their work is devoted largely to inspection of city dairy depots and the taking of samples for laboratory analysis. Two country inspectors, both graduate veterinarians, confine their duties particularly to the inspection of dairy ranches in outside counties that ship their product into the city. Our department pays a great deal of attention to the base of the milk supply, insisting upon the keeping of healthy cattle and the maintaining of sanitary surroundings in the production of this commodity.

Table 14, page 46, presents a statement of milk samples taken during the fiscal year for chemical and bacteriological analysis.

LABORATORY WORK ON MILK

(Chemical (on milk.)

Table 15, page 47, shows the result of chemical analysis of milk samples seized during the fiscal year, giving history of finding and action against offenders.

BACTERIOLOGICAL (on milk)

Table 16, page 53, is devoted to a statement showing the bacteriological index of the city's milk supply for the fiscal year as determined by the Levy Method.

GENERAL LABORATORY WORK

Chemical Laboratory

Table No. 17, page 57, furnishes a report of general analytical work accomplished in the chemical laboratory (including milk samples).

Results of analyses of the city's drinking water will be found on pages 58 to 70 (Table No. 19).

Reference is made to Table No. 19, pages 58 to 70, for data on the results of analyses of the city's drinking water.

Subs. 7 and 8. Meat and Provision Inspection.

Reference to Table No. 20, page 71, furnishes complete figures showing all inspections made in this division, the extent of condemnation work and also presents statistics showing record of animals slaughtered for human consumption.

“H”**NUISANCES**

Under this heading is submitted:

Table No. 21, page 74, Division of Sanitary Inspection, giving a general resumé of nuisances complaints investigated and abated.

Table No. 22, page 75, shows what has been accomplished in the division of Industrial Inspection, the work of which is to remedy insanitary conditions found to exist in factories, workshops and other places of employment.

Table No. 23, page 76, covers a summarized history of Tenement House Inspection during the fiscal year.

This division has been in operation barely two years, and with the magnitude of the work involved in putting it into good working shape, it is hardly to be expected that thorough statistics of tenement and lodging houses are to be had at this time.

This work is carried on by three inspectors (two males, one female).

Arrangements have been perfected with the Bureau of Building Inspection, Board of Public Works, whereby our inspectors examine all plans submitted before a building permit can be issued.

Under this scheme, each plan before final approval passes through the hands of a Building Inspector, a Fire Warden and a Tenement House Inspector.

The Bureau of Building Inspection, Board of Works, issues the permit to build—the Tenement House Inspector, Board of Health issues the permit of occupancy—this latter document not being furnished until the Building Department forwards a “Certificate of Final Completion” to the Health Officer when a last inspection before occupancy is made by the Tenement House division.

In the examination of approval of plans of proposed alterations to tenements and lodgings we are confronted with a somewhat different condition from new work. In this case the building is already standing and is to be changed and modernized. Often the plans show a building that is to be changed or converted that does not fully comply with the law, but is a vast improvement over the existing structure.

In a case of this kind it resolves itself into leaving the old building as it is, or of granting some concessions, such as inadequate yard space, percentage of lot occupied, area of courts, etc.

These cases are carefully studied by both the Building Department, Board of Works, and the Tenement House division of this department and if the improvement warrants approval with respect to health and sanitation, aesthetics and safety, slight concessions are granted.

“I”**MUNICIPAL WASTES**

The disposal of garbage is regulated by Ordinance which provides for destruction of same by incineration. Dumping of this waste is absolutely prohibited. The city has built two garbage incinerators which up to this writing have not been put into active service, as their reduction properties are a matter of debate, and litigation is now in progress over the matter.

In the meantime the Sanitary Reduction Works which was taken over by the city through expiration of franchise, is being operated under private management, the city receiving a bonus on the gross profits.

The collection of garbage per se is not a municipal function. Individual scavengers working under permit issued by the Board of Health do the house to house collection and removal. The department of Health by powers invested in it through ordinance, regulates this feature insofar as the method of house to house collections are concerned, determines the character of receptacles to be used and adjusts all differences between the householder and the scavenger when questions arise as to service, overcharges, etc. The average charge for removal of household refuse is 35 cents per month (one removal each week).

"J"

INSPECTION OF PLUMBING

On page 78 appears Table No. 24, which supplies data showing the inspections covered in this division during the fiscal year and results obtained in the installation of sanitary plumbing appliances to take the place of defective and insanitary fixtures.

We also show a record of examinations held for applicants to qualify for a Master Plumber's License and the results thereof.

"K"

RESEARCH, EDUCATIONAL AND PUBLICITY WORK

Because of a lack of funds, the facilities for carrying out work as indicated in this caption are limited to such a degree as to be almost negligible.

We have repeatedly urged the appropriation of moneys that would enable us through the medium of literature, pamphlets, lectures, moving pictures and like methods to disseminate the doctrines of hygiene and the prevention of the spread of disease, the protection of the public health and all work of a similar character which comes naturally within the scope and province of our department, but so far we have failed signally.

Education in matters of health is what our citizens require, but with the very limited means now at our command we can do little towards bringing this about.

We look for the early dawn of a new day when this short-sighted policy will give way to a broader view of the duties and responsibilities devolving upon the municipality in so far as enlightenment of the public in health matters is concerned.

"L"

OTHER WORK DONE DURING THE YEAR

Exclusive of the general work accomplished as set forth in the numerous tables which go to make up this report, the Board of Health, sitting as a "Condemnation" board, has accomplished much good work through proceedings which have resulted in the demolition of many insanitary and unsightly structures, the rehabilitation of others, and the vacation of numerous places unfit for human habitation.

In Table No. 25, appearing on page 81, the figures will show precisely the results obtained in this connection. This work is the result of joint action between the city authorities and the United States Public Health Service, a large part of an appropriation of \$25,000 by the Federal Government being applied towards defraying the expense of inspection, etc.

REVENUE OF HEALTH DEPARTMENT

Table 26, page 83, will present a detailed statement of moneys collected by the Department for the issuance of certified documents proper to be charged for.

We also present in the same connection, table No. 26a, a classified list of permits issued for the conducting of the particular industries requiring the issuance of a certificate by the Health Officer.

ARRESTS FOR VIOLATION OF HEALTH ORDINANCES

Table 27, page 86, furnishes data indicating the activity of the department during the fiscal year in the enforcement through legal channels of health laws and ordinances. The number of arrests made, the number and character of the ordinance or law violated, convictions obtained and fines imposed are shown in detail.

"M"**RULES PASSED SINCE LAST REPORT**

During the fiscal year a new health ordinance was drafted by this Department, presented to the Board of Supervisors with our recommendation for adoption and eventually became a part of our Sanitary Code, i. e.:

Ordinance No. 3726. "Defining mattresses; regulating the making, remaking, and sale thereof, prohibiting the use of insanitary and unhealthy materials therein; regulating the buying and sale of used mattresses; requiring that materials used shall be accurately described, and the percentage of materials used in each mattress stated, and prescribing the manner in which mattresses shall be labeled and materials disinfected or sterilized, and authorizing the Board of Health to adopt regulations governing sanitation of premises." (Approved May 10, 1916.)

The law is now in full force and effect and its provisions are being carried out through the medium of proper inspection.

REGISTRATION OF PHYSICIANS AND MIDWIVES

By act of the State Legislature it devolved upon this Department to require the registration of every practicing physician in the city, and likewise all midwives by January 1, 1916. This work was properly accomplished within the time limit set and as a result the names of over 1100 physicians and 90 midwives are now duly registered with the Health Officer who, by virtue of his office, is under the State law, the Local Registrar for this district.

A movement is soon to be launched by this Department whereby it is hoped to compel by legislative enactment the registration of all persons practicing midwifery within the State. At present no requirement is necessary to enter this field of work, other than to merely register at the local Health Office. An adequate law will give us control of this very important feature, and will help raise the standard of practitioners.

"N"**LOCAL PROBLEMS**

At this writing there is no special local problem before us, nor has any such presented itself during the year. Our work is so varied in its scope and diversified in its character as to not permit as a general rule of giving consideration to any one feature. However, should any such contingency arise, we meet it as the exigency may present itself.

"O"**INSTITUTIONS**

Reports of institutions under the control of the department will be found as herewith set forth:

Emergency Hospitals, Alanson Weeks, M. D., Chief Surgeon, Table 28, page 87.

San Francisco Hospital (Inc. Tuberculosis Hospital), R. G. Brodrick, M. D., Superintendent, Tables 29-30, page 90 to 99.

Isolation Hospital, Arthur A. O'Neill, M. D., Medical Superintendent, Table 6, page 36.

Relief Home Aged and Infirm, Chas. M. Wollenberg, Superintendent, Table 31, page 100.

DIVISION OF CHARITIES

The report of the Inspector of Indigents on page 105, Table 32, gives figures showing admission of indigents to city institutions.

Table 33, page 106, covers the work done by the City Physician in the giving of gratuitous medical advice and treatment to the indigent sick; the protecting of the interests of the city in the matter of investigation of Municipal Railway accidents and cases of injuries sustained by city employees and the relation of such to the operation of the State Compensation Act. (Employers Liability Law.)

“P”

VITAL STATISTICS

The compilation of the Birth and Death records covering the fiscal year is exhaustively covered in the various tables appearing on pages 107 to 188.

While not altogether in accord with the recommendations as offered by the American Public Health Association, they set forth in a very comprehensive form all of the data usually sought for in this connection. It is no easy matter to make a radical change in the methods of presenting these statistics, though it is quite likely that in the next annual report our statistical tables will conform very closely if not entirely to the style of tables used now by the United States Bureau of the Census (Division of Vital Statistics).

On page 108 the record of births registered is given in tabulated form.

Record of still births (excluded from foregoing table) appears on page 109.

Table 6, page 189, shows interments, cremations, shipments, etc., of human remains.

See Table 7, page 190, for record of disinterments and removals, etc.

Respectfully submitted,

ARTHUR H. BARENDT,

President, Board of Health.

Attest:

WILLIAM C. HASSLER, Health Officer.

TABLE 1

DIVISION OF ACCOUNTS

For the fiscal year 1915-1916 the Auditing Department shows in its statement of comparative units and costs an increase of work in the Central Office of 154,630 units. This is an increase of .088 over the work done in the previous fiscal year.

The work of the Auditing Department compared with last year is as follows:

	Requisitions	Demands
1914-1915	7983	5570
1915-1916	6700	4664
	<hr/>	<hr/>
Decrease	1283	906

The funds audited during the year have decreased \$23,268.61 from the year before, the decrease being in the funds for the equipment of the San Francisco Hospital, which has been completed.

The work of the laboratories has increased 1862 examinations, a percentage of about .04.

The clerical work which is not overhead has decreased from 44,414 units to 41,120, a difference of 3,294 units. The decrease in work is .074.

The work of the different inspection corps has increased 153,873 units, an increase of 9 per cent.

TABLE 1

FINANCIAL STATEMENT OF THE DEPARTMENT OF

	1915					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
Relief Home—						
Salaries.....	5554.50	5538.00	5548.37	5512.84	5576.50	5600.85
Maintenance.....	12453.04	10876.08	12142.50	13634.54	12834.97	13849.77
Additional Supplies	500.00	500.00	500.00	500.00	500.00	500.00
Water	131.68	20.13	.....	74.00	91.17	107.05
Receipts	30.00	365.00	60.00	332.00	104.79	105.80
Isolation Hospital—						
Salaries.....	1496.80	1574.70	1465.00	1394.00	1379.84	1556.00
Maintenance.....	1410.07	1185.32	1149.73	1091.42	1505.69	1739.38
Additional Supplies .....	.....	.....	.....	.....	175.00	.....
Water	125.98	131.98	82.83	87.18	84.75	63.85
Electricity (Light)	5.55	4.80	3.87	7.23	10.71	12.36
Special Sanitation—						
Salaries.....	626.67	630.00	630.00	630.00	555.00	555.00
Expenses.....	190.84	184.21	286.76	194.73	308.08	249.44
Central Office—						
Salaries.....	9931.15	9981.00	9990.00	9981.50	10086.00	10148.65
Expenses.....	1438.14	1059.44	1074.48	1046.00	1123.08	1125.58
Burial of Indigent Dead.....	248.50	199.50	253.00	235.00	333.50	256.00
Special Appropriations.....	1096.70	.....	.....	566.15	.....	2.85
Rent.....	350.00	350.00	350.00	350.00	350.00	350.00
Water	14.06	18.21	10.14	8.23	9.66	8.20
Electricity (Light)	15.96	12.42	14.13	17.07	28.02	34.29
Receipts	87.25	91.75	90.25	121.00	93.25	109.50
Emergency Hospital—						
Salaries.....	5659.00	5659.00	5659.00	5659.00	5659.00	5635.00
Maintenance.....	412.32	1113.60	758.68	1161.93	1089.35	1267.87
Vacation, Reliefs	519.35	601.50	412.45	372.85	304.65	139.15
Electricity (Light)	33.48	132.45	69.63	57.72	57.93	65.34
Water	27.26	31.92	22.44	10.80	16.84	20.06
Rent	225.00	225.00	225.00	225.00	225.00	225.00
San Francisco Hospital—						
Salaries.....	9940.45	10221.30	10081.55	9931.75	10206.85	10394.60
Salaries T. B. Dept.....	1733.05	1723.50	1718.45	1649.70	1635.45	1637.75
Maintenance.....	8779.95	8615.37	10345.30	10560.43	1884.78	12649.34
Equipment	1652.70	3711.32	398.85	2709.16	1125.59	517.95
Water	653.58	630.43	813.96	595.68	511.73	471.47
Electricity (Light)	46.95	46.41	45.57	62.43	86.19	112.89
Receipts	53.00	79.50	10.00	48.41	34.70	94.18
Gasoline and Oil for Autos.....	66.01	49.84	83.85	56.07	70.46	56.07
Purchase of Ambulance.....	.....	3000.00	.....	.....	.....	.....
Total	65508.99	68563.68	64295.79	68883.82	74988.53	69661.24

Relief Home—	
Transferred from 1914-1915.....	689.90
Expended for Maintenance 1915-1916.....	155,484.86
Total	156,174.76
San Francisco Hospital—	
Transferred from 1914-1915.....	2,520.92
Expended for Maintenance 1915-1916.....	155,574.40
Total	158,095.32
Transferred to 1916-1917.....	38.40
Total	158,056.92

Relief Home	
Isolation Hospital	
Central Office	
Emergency Hospital	
S. F. Hospital	

BOARD OF HEALTH

13

—Continued.

PUBLIC HEALTH FOR THE FISCAL YEAR 1915-1916.

1916						Total	Balance	Appropriation
Jan.	Feb.	Mar.	Apr.	May	June			
5501.35	5570.10	5599.72	5591.00	5456.00	5531.01	66580.24		
12443.84	12633.33	13615.95	12146.89	15076.49	13777.46	155484.86	222065.10	222065.10
500.00	1500.00	2000.00	500.00	500.00	500.00		8500.00	
89.75	107.05	116.12	124.03	223.96	765.64		* 1850.58	
61.00	418.65	117.02	30.00	559.80	203.33		2387.39	
1759.50	1780.85	1881.50	2175.00	2048.40	2126.00		20637.59	30.41 20668.00
1714.37	2001.08	2698.20	2373.13	2054.13	2228.30		21150.82	21150.82
				799.68	1210.69		* 2185.37	.93 2186.30
56.96	69.10	68.80	98.86	113.55	118.96		* 1104.80	
13.35	9.42	7.26	4.17	3.78	3.06		* 85.56	
555.00	630.00	630.00	630.00	555.00	490.00	7116.67		
198.77	159.77	250.38	248.23	251.73	358.10	2881.04	9997.71	2.29 10000.00
10198.00	10251.55	10346.15	10128.35	10284.65	10414.50		121741.50	121741.50
1495.51	1343.59	1389.11	1153.71	1437.65	801.30		14487.59	14487.59
308.50	252.50	309.50	249.00	211.00	136.50		2992.50	1007.50 4000.00
							1665.70	.45 1666.15
350.00	350.00	350.00	350.00	350.00	350.00		* 4200.00	
10.89	12.74	11.36	11.13	13.62	15.82		* 144.06	
53.22	34.47	26.07	17.04	19.44	14.82		* 286.95	
119.50	120.00	226.20	103.50	95.25	108.00		1365.45	
5647.00	5647.00	5635.00	5635.00	5816.35	5725.00		68035.35	16.65 68052.00
1557.80	872.98	1142.55	1239.72	2069.60	1525.17		14211.57	123.43 14335.00
124.70	124.65	137.95	124.65		134.00		2995.00	4.10 3000.00
73.47	66.90	73.77	44.37	41.85	37.62		* 757.53	
17.96	17.93	13.68	14.12	12.73	11.05		* 216.79	
225.00	225.00	1275.00	1275.00	1275.00	1275.00		* 6900.00	
10264.90	10971.50	11071.80	10643.00	10853.75	11206.80	125820.25		
1849.30	1851.50	1851.95	2201.00	2126.55	1912.75		21890.95	19.05 21910.00
15129.26	13767.07	14932.79	13223.99	13025.53	15730.59	155574.40	281394.65	281394.65
12.00	122.25	536.55	89.00		53.39		10928.76	2969.70 13898.46
473.00	467.17	454.32	514.04	533.13	553.64		* 6702.15	
117.90	97.65	79.26	49.17	45.54	46.95		* 836.91	
15.93	9.15	20.20	383.23		24.00		772.30	
80.92	75.83	65.42	57.41	57.41	82.01		* 801.30	
							3000.00	3000.00
71018.65	71560.78	76933.58	71457.74	75948.57	77471.46		856292.83	4174.51 832055.57

Stationery	Printing	Books	Postage	Total
155.10	181.27	35.84	112.00	484.21
81.67	24.54	12.83	26.00	145.04
432.75	1,370.18	552.42	912.00	3,267.35
81.60	276.18	173.18	45.00	575.96
334.28	953.15	278.89	109.50	1,675.82
				6,148.38
				862,441.21
				Less receipts 4,525.14
				Total cost 857,916.07

* Not paid out of Department of Public Health Appropriations.

TABLE 1—Continued.

COMPARATIVE STATEMENT OF UNITS OF WORK AND COSTS OF EACH UNIT WITH PREVIOUS YEAR.

	1914-15	1915-16	Increase	1914-15	1915-16	Decrease
	Amount	Expended		Cost per Dollar		
Auditing Department	\$879,561.44	\$856,212.83	\$23,268.61*	.0048	.0051	.0003†
	Units of Work			Cost per Unit		
Bureau of Vital Statistics—Certificate recorded or permit issued	30,861	29,756	1,105*	.166	.185	.019†
Bureau of Laboratories—Examination or analysis	39,863	41,725	1,862	.393	.406	.013†
Sanitary Inspection—Inspections	8,550	16,002	7,452	1.477	.781	.696
Disinfection—Rooms disinfected	4,665	5,222	557	1.242	1.173	.069
Plumbing Inspection—Inspections	22,762	24,028	1,266	.67	.636	.034
Market Inspection—Markets and Cattle	1,113,353	1,220,096	106,743	.03	.028	.002
Food Inspection—Inspections	4,637	5,100	463	.689	.697	.008†
Dairy Inspections—Dairies, Depots and Cows	135,458	167,840	32,382	.075	.058	.017
Milk Inspection—Samples	3,614	2,960	654*	.389	.562	.173†
Industrial Inspection—Inspections	8,810	8,580	230*	.658	.578	.08
School Medical Inspection—Examinations, Treatments and Dressings	229,543	233,802	4,259	.119	.113	.006
City Physician—Visits and Treatments	4,944	4,594	350*	.609	.70	.091†
Inspector of Indigents—Investigations	8,216	10,754	2,538	.225	.201	.024
Tenement House Inspection—Inspections	4,491	3,938	553*	.85	1.225	.375†
Total	1,619,767	1,774,397	154,630			

* Decrease.

† Increase.

TABLE 1—Continued.

STATEMENT OF UNIT COSTS CENTRAL OFFICE, DEPARTMENT OF
PUBLIC HEALTH, 1915-1916.
EXECUTIVE OFFICE.

	Funds, Dept. of Public Health	Other Funds
Salaries—		
Health Officer, Chief Clerk, Filing Clerk, Stenographer and two-thirds salary of Telephone Operator..	\$ 9,122.07	
Expenses—		
General and overhead expense of department.....	1,575.91	
Depreciation of Equipment—		
Value July 1, 1915.....	\$3,712.60	
Purchased during year.....	470.46	
Purchased with other than department funds	50.10	
Total	\$4,233.16	
Less 10% for depreciation.....	423.32	
	11,121.30	
Deduct \$250 expense Baby Hygiene Week. Not a proper charge.....	250.00	
	10,871.30	
Rent, 1085 Mission Street.....		4,200.00
Light		286.95
Water		144.06
Stationery and Printing.....		859.22
Postage		780.10
Salaries, two police officers detailed to Department of Public Health		2,928.00
Wages, Janitor furnished by Board of Public Works.....		1,080.00
Total	\$10,871.30	\$10,278.33

This total cost of executive office is to be divided among the different bureaus pro rata to the number of months worked during the fiscal year 1915-1916.

Total number of working months Central Office, 920.5.

Average pro rata of executive cost per working month, \$11.81.

Average pro rata of rent, light, water, stationery, postage referred to in the report as other costs per working month, \$11.17.

TABLE 1—Continued

		D. of P. H. Funds	Other Funds	Total	Units of Work	Total	Average
AUDITING DEPARTMENT—							
Salaries, Auditor and Clerk.....		\$3,620.00	.....	.....	.....	.....	.....
Expenses		15.37	.....	.....	.....	.....	.....
Pro rata of executive cost 24 months' work.....		283.45	.....	.....	.....	.....	.....
Pro rata of other costs.....			268.00	.....	.....	.....	.....
Printing			179.18	.....	.....	.....	.....
Postage			30.35	4,396.35	.....	.....	.....
Total Amount audited.....			.....	.....	.....	856,292.83	.....
Cost of expense per dollar.....			.....	.....	.....	.....	.0051
BUREAU OF VITAL STATISTICS—							
Salaries, three clerks.....		4,200.00	.....	.....	.....	.....	.....
Expenses		97.63	.....	.....	.....	.....	.....
Pro rata of executive cost 36 months' work.....		425.15	.....	.....	.....	.....	.....
Pro rata of other costs.....			402.00	.....	.....	.....	.....
Printing			373.31	.....	.....	.....	.....
Postage			13.15	5,511.24	.....	.....	.....
Burial, Cremation, Disinterment and Miscellaneous Permits issued .....			.....	.....	12,558	.....	.....
Abstracts of Birth and Death Records issued.....			.....	.....	1,501	.....	.....
Births and Deaths recorded.....			.....	.....	15,697	29,756	.....
Cost of each unit.....			.....	.....	.....	.....	.185

BUREAU OF LABORATORIES—

Salaries, director, bacteriologist, two chemists and four assistants .....	.....	.....	.....	.....	.....
Expenses .....	.....	.....	.....	.....	.....
Pro rata of executive cost 98 months' work	11,885.85	525.00	.....	.....	.....
Pro rata of other costs	1,826.98	55.27	.....	.....	.....
Printing	1,157.40	.....	.....	.....	.....
Postage .....	.....	1,094.60	.....	.....	.....
Depreciation of Equipment:	.....	105.38	.....	.....	.....
Value July 1, 1915	\$2,436.12	44.45	.....	.....	.....
Purchased during year	219.15	.....	.....	.....	.....
Total	<u>\$2,655.27</u>	.....	.....	.....	.....
Less 10% for depreciation	265.53	.....	.....	.....	.....
Bacteriological Examinations .....	.....	.....	16,980.46	.....	.....
Chemical Analyses .....	.....	.....	.....	37,622	.....
Pasteur Treatments .....	.....	.....	.....	3,926	.....
Cost of each unit .....	.....	.....	.....	177	.....
	.....	.....	.....	41,725	.406

TABLE 1—Continued

BUREAU OF SANITATION—GENERAL AND OVERHEAD COSTS.

	Funds, Dept. of Public Health	Other Funds
Salaries—		
Chief Sanitary Inspector, Clerk Bureau of Sanitation, Two Stenographers and one-third salary of telephone operator		\$8,200.08
Expenses—		
Value of Auto Equipment.....	\$426.00	
Depreciation of Equipment.....	382.63	70.62
Printing		559.77
Postage		42.70
Pro rata of Executive Costs, 53 months' work.....	685.00	
Pro rata of Other Costs.....		647.40
Total	\$9,267.71	\$1,320.49
The total cost of the Bureau of Sanitation is to be divided among the differ- ent bureaus pro rata to the number of months worked during the fiscal year 1915-1916.		
Total number of working months.....	678.5	
Average pro rata of bureau cost.....	13.66	
Average pro rata of bureau cost from other funds..	1.95	

TABLE No. 1—Continued

SANTARY INSPECTION—

	D. of P. H. Funds	Other Funds	Total	Units of Work	Total	Average
Salaries of five inspectors.....	\$ 7,950.00	.....	.....	.....	.....	.....
Transportation and expenses.....	436.55	.....	.....	.....	.....	.....
Antitoxin and Vaccine.....	1,969.26	49.60	.....	.....	.....	.....
Pro rata of executive cost 54 months' work.....	637.75	.....	.....	.....	.....	.....
Pro rata of other costs.....	.....	603.00	.....	.....	.....	.....
Printing.....	.....	10.15	.....	.....	.....	.....
Pro rata of Bureau of Sanitation costs.....	737.60	105.00	12,498.91	.....	.....	.....
Number of inspections made on complaint.....	.....	.....	.....	9,526	.....	.....
Premises placed in quarantine and infectious diseases investigated.....	.....	.....	.....	.....	.....	.....
Cost of each unit.....	.....	.....	.....	6,476	16,002	.....
	.....	.....	.....	.....	.....	.781

DISINFECTION—

Salaries of two disinfectors.....	2,941.65	.....	.....	.....	.....	.....
Transportation and expenses.....	1,615.79	268.66	.....	.....	.....	.....
Value of automobile equipment.....	.....	.....	.....	.....	.....	.....
Depreciation of equipment.....	\$390.00	.....	.....	.....	.....	.....
Pro rata of executive cost 24 months' work.....	360.00	.....	.....	.....	.....	.....
Pro rata of other costs.....	283.45	268.00	.....	.....	.....	.....
Pro rata of Bureau of Sanitation costs.....	327.80	46.50	.....	.....	.....	.....
Printing.....	.....	13.45	6,125.30	.....	.....	.....
Number of rooms disinfected.....	.....	.....	.....	.....	5,222	.....
Cost per room.....	.....	.....	.....	.....	.....	1,173

TABLE 1—Continued.

	D. of P. H. Funds	Other Funds	Total	Units of Work	Total	Average
PLUMBING INSPECTION—						
Salaries of chief and five inspectors.....	10,050.00					
Transportation and expenses.....	1,522.94	376.47				
Value of automobile equipment—Old.....	\$ 730.00					
Now.....	350.00					
	<hr/>					
	\$1,080.00					
Depreciation of equipment.....	720.00					
Pro rata of executive cost 65 months' work.....	767.65					
Pro rata of other costs.....		726.00				
Pro rata of Bureau of Sanitation costs.....	887.80	126.50				
Printing.....		97.64	15,275.00			
Number of plans examined.....				1,579		
Inspection on construction and sewers.....				17,750		
Inspection of nuisances.....				4,699	24,028	
Cost of each unit.....						.636
MARKET INSPECTION—						
Salaries of three veterinarians and fourteen inspectors.....	25,935.00					
Transportation and expenses.....	227.69					
Pro rata of executive costs 204.5 months' work.....	2,415.20					
Pro rata of other costs.....		2,284.10				
Pro rata of Bureau of Sanitation.....	2,793.31	398.50				
Printing.....		9.50	34,063.30			
Places inspected.....				23,356		
Cattle, sheep, hogs, goats slaughtered and inspected.....				826,149		
Poultry and game, dozens.....				328,916		
Fish, boxes of 200 lbs.				41,675	1,239,096	
Cost of each unit.....						.028

FOOD INSPECTION—

Salaries of two inspectors.....	2,333.30	.....	.....	.....
Transportation and expenses.....	258.82	.....	69.02	.....
Value of automobile equipment.....	\$352.00	.....	.....	.....
Depreciation of equipment.....	.....	.....	.....	.....
Pro rata of executive cost 18.5 months' work.....	180.00	.....	.....	.....
Pro rata of other costs.....	218.50	.....	.....	.....
Pro rata of Bureau of Sanitation.....	.....	.....	206.15	.....
Number of inspections made.....	252.70	.....	36.00	.....
Samples collected for analyses.....	.....	.....	3,554.49	.....
Cost of each inspection.....	.....	.....	4,433	.....
	.....	.....	667	.....
	.....	.....	5,100	.....
	.....	.....	.....	.697

DAIRY INSPECTION—

Salaries of two veterinarians and two inspectors.....	5,766.53	.....	.....	.....
Transportation and expenses.....	1,916.25	.....	87.12	.....
Value of Automobile equipment.....	\$240.00	.....	.....	.....
Depreciation of equipment.....	360.00	.....	.....	.....
Pro rata of executive costs 41.5 months' work.....	490.15	.....	.....	.....
Pro rata of other costs.....	.....	.....	463.00	.....
Pro rata of Bureau of Sanitation.....	566.80	.....	80.74	.....
Printing.....	.....	.....	19.00	.....
*Dairies inspected in San Francisco.....	.....	.....	9,749.59	.....
*Dairies inspected in other counties.....	.....	.....	139	.....
*Dairy depots.....	.....	.....	1,257	.....
*Miscellaneous milk venders.....	.....	.....	2,186	.....
Cows inspected.....	.....	.....	1,439	.....
Sample of water for analyses.....	.....	.....	162,792	.....
Cost of each unit.....	.....	.....	27	.....
	.....	.....	167,840	.....
	.....	.....	.....	.058

* Includes cans and appliances.

TABLE 1—Continued.

MILK INSPECTION—	D. of P. H. Funds	Other Funds	Total	Units of Work	Total	Average
Salaries of food and dairy inspectors.....	1,233.52	.....	.....	.....	.....	.....
Expenses	30.32	.....	.....	.....	.....	.....
Pro rata of executive costs 10 months' work.....	118.10	.....	.....	.....	.....	.....
Pro rata of other costs.....	.....	111.50	.....	.....	.....	.....
Pro rata of Bureau of Sanitation.....	136.60	19.25	.....	.....	.....	.....
Printing .....	.....	13.65	1,662.94	.....	.....	.....
Samples of milk collected from all sources.....	.....	.....	.....	.....	2,960	.....
Cost of each sample taken.....	.....	.....	.....	.....	.....	.562
INDUSTRIAL INSPECTION—						
Salaries of three inspectors.....	3,641.65	.....	.....	.....	.....	.....
Transportation and expenses.....	208.46	.....	.....	.....	.....	.....
Pro rata of executive costs 29 months' work.....	342.50	.....	.....	.....	.....	.....
Pro rata of other costs.....	.....	323.58	.....	.....	.....	.....
Pro rata Bureau of Sanitation.....	396.10	56.30	4,968.59	.....	.....	.....
Number of inspections.....	.....	.....	.....	.....	8,580	.....
Cost of each inspection.....	.....	.....	.....	.....	.....	.578
SCHOOL MEDICAL INSPECTION—						
Salaries of three medical inspectors and fourteen nurses.....	17,475.65	.....	.....	.....	.....	.....
Expenses and transportation.....	1,032.03	.....	.....	.....	.....	.....
Pro rata of executive costs 203.5 months' work.....	2,403.35	.....	.....	.....	.....	.....
Pro rata of other costs.....	.....	2,273.00	.....	.....	.....	.....
Pro rata Bureau of Sanitation.....	2,779.70	396.45	.....	.....	.....	.....
Printing .....	.....	98.90	26,459.08	.....	.....	.....
Examinations by medical inspectors.....	.....	.....	.....	9,555	.....	.....
Examinations by nurses, including dressings and treatments.....	.....	.....	.....	213,139	.....	.....
Home visits .....	.....	.....	.....	11,108	233,802	.....
Cost per unit.....	.....	.....	.....	.....	.....	.113

CITY PHYSICIAN—

Salary	2,400.00	.....	.....	.....
Expenses and transportation.....	535.55	.....	.....	.....
Pro rata of executive costs 12 months' work.....	141.70	.....	.....	.....
Pro rata of other costs.....		134.00	.....	.....
Postage		1.25	3,212.50	.....
Visits and treatments.....		.....	1,550	.....
Visits and treatments prison and jail.....		.....	2,826	.....
Municipal Railway accidents, visits to injured.....		.....	103	.....
Liability Act, visits to injured.....		.....	115	.....
Cost per unit.....		.....	4,594	.....
		.....		.70

INSPECTOR OF INDIGENTS—

Salaries two inspectors.....	1,350.51	.....	.....	.....
Expenses and transportation.....	275.00	.....	.....	.....
Value of automobile equipment.....		37.61	.....	.....
Depreciation of equipment.....	180.00	.....	.....	.....
Pro rata of executive costs 14 months' work.....	165.35	.....	.....	.....
Pro rata of other costs.....		156.00	2,164.47	.....
Total number investigations and calls.....		.....	107.54	.....
Cost per unit.....		.....		.201

TENEMENT HOUSE INSPECTION—

Salaries of three inspectors.....	3,541.70	.....	.....	.....
Expenses and transportation.....	167.24	.....	.....	.....
Pro rata of executive costs 28.5 months' work.....	336.60	.....	.....	.....
Pro rata of other costs.....		318.00	.....	.....
Pro rata of Bureau of Sanitation.....	389.30	55.25	.....	.....
Printing		16.20	4,824.29	.....
Total number of inspections.....		.....	3,938	.....
Cost per inspection.....		.....		1.225

BOARD OF HEALTH

TABLE 1—Continued.
CLASSIFICATION OF EXPENDITURES FOR THE FISCAL YEAR 1915-1916 ON THE BASIS SUGGESTED BY THE BUREAU
OF THE CENSUS, DEPARTMENT OF COMMERCE AND LABOR.

Conservation of Health.....			\$254,559.39
General Administration.....			
Salaries of Executive Officers.....	\$	8,400.00	\$ 27,162.10
Salaries of Accountant, Clerks, Stenographers and Telephone Operators.....		9,122.11	
Office supplies, postage, printing, books, stationery, photography, janitorials, telephone and telegraph.....		4,083.75	
Rent.....		4,200.00	
Water, light, heat.....		524.19	
Automobiles for general administration.....		807.13	
Other general expenses.....		24.92	
Vital Statistics.....			7,797.67
Notification and registration of births, and registration of sickness, deaths, recovery from sickness, and issuing permits for burial and disinterment and making abstracts of records.....		6,897.67	
Tabulation analysis interpretation and publication of statistics.....		900.00	
Treatment and Prevention of Communicable Diseases.....			
Tuberculosis Hospital, 78,066 hospital days at 1.03.....			183,902.70
Laboratory and Research Work.....		80,464.23	
Disinfection.....			1,038.36
Inspection, condemnation and destruction of cows, beef animals and meat affected with tuberculosis.....			934.16
Hospital for Communicable Diseases other than Tuberculosis.....			23,291.14
Isolation Hospital—			
Diphtheria.....	409 cases		
Diphtheria carriers.....	119 cases		
Scarlet fever.....	148 cases		
Measles.....	12 cases		
Erysipelas.....	57 cases		
Gonorrheal vaginitis.....	16 cases		
Gonorrheal ophthalmia.....	5 cases		
Other communicable diseases.....	41 cases		
Total.....	807 cases		

Other treatment of communicable diseases.....		21,745.27	
Laboratory work in diagnosis.....	11,339.86		
Physicians and inspectors.....	10,405.41		
Salaries			
Transportation	\$7,950.00		
Vaccine and antitoxin.....	436.55		
Other prevention of communicable diseases.....			
Disinfection	3,891.94	13,130.73	
Extermination of rats.....	9,238.79		
Conservation of Child Life.....			18,986.73
Medical work for school children.....		18,507.68	
Inspection of school children by physicians.....	4,200.00		
Work of nurses for school children.....	14,307.68		
Conservation of life of infants.....		313.00	
Supervision of maternity hospitals and lying-in institutions.....	17.55		
Publicity and educational.....	295.45		
Other conservation of child life.....		166.05	
Regulation and supervision of the boarding out of children.....	162.90		
Supervision of orphanages and day nurseries.....	3.15		
Food Inspection			16,710.19
Milk and dairy control.....		10,652.48	
Inspection and tests of herds and inspection of stables, milk stations, ice cream manufacturers and collection of samples of dairy products			
Laboratory and research including tests of dairy products.....	9,033.74		
Other food regulation and control.....	1,618.74		
Inspection of all places for sale and manufacture of food, including bakeries, restaurants and hotels and the collection of samples of food drinks and drugs.....		6,057.71	
Laboratory and research including tests of all foods, drinks and drugs other than dairy products.....	5,761.57		
	296.14		

TABLE 1—Continued.
 CLASSIFICATION OF EXPENDITURES FOR THE FISCAL YEAR 1915-1916 ON THE BASIS SUGGESTED BY THE BUREAU
 OF THE CENSUS, DEPARTMENT OF COMMERCE AND LABOR—Continued

Sanitation and Promotion of Cleanliness.....	1,159.97	3,140.33
General sanitary regulation and inspection.....		
Inspection of scavenger wagons.....	198.90	
Inspection of slaughter houses.....	946.22	
Inspection of bathing establishments.....	14.85	
Inspection of laundries.....	422.10	
Inspection of moving picture theaters.....	300.60	
General and unsupervised inspection.....	1,257.66	
Expenses for General Hospitals and Care of Sick and Injured.....		330,328.02
Emergency Hospitals, five (number of cases handled 34,393).....	93,693.10	
General Hospital (137,035 hospital days at 1.693).....	232,036.25	
Medical attention for indigent, prisons and jails, municipal railway accidents and for persons injured under employers' liability act.....	2,935.55	
Social service investigation of applicants for admission to public insti- tutions and for medical and surgical attention.....	1,663.12	
Miscellaneous Protection of Person and Property.....		15,692.65
Dwelling and tenement house inspection.....	3,708.94	
Factory, store and workshop inspection.....	232.65	
Examination of plumbers and plumbing inspection.....	11,751.06	
Other Activities.....		235,892.39
Care of aged and infirm.....	224,399.89	
Lodging house for unemployed.....	8,500.00	
Burial of indigent dead.....	2,992.50	
Outlays.....		18,303.29
Purchase of automobile for inspection purposes.....	1,665.70	
Furniture and office equipment.....	479.31	
Laboratory equipment.....	219.15	
Additional equipment for general hospital.....	10,928.76	
Additional equipment for communicable disease hospital.....	2,010.37	
Purchase of ambulance.....	3,000.00	

TABLE 1—Continued.

SUMMARY.

		Percentage of Ex- penditure
Conservation of Health.....	\$254,559.39	.2968
General Administration	\$ 27,162.10	.0317
Vital Statistics	7,797.67	.0091
Treatment and Prevention of Com- municable Diseases	183,902.70	.2143
Conservation of Child Life.....	18,986.73	.0221
Food Inspection	16,710.19	.0194
Sanitation or Promotion of Cleanliness....	3,140.33	.0036
General Hospitals and Care of Sick and Injured	325,729.35	.3796
Protection of Person and Property.....	15,692.65	.0182
Other Activities	240,491.06	.2803
Outlays	18,303.29	.0213
Total	<u>\$857,916.07</u>	

TABLE 1—Continued.
AUTOMOBILE COSTS AND MILEAGE FISCAL YEAR 1915-1916.

Total Mileage	91,481				
Total Cost	4,148.22				
Average Cost per Mile.....	.0453				
Total Cost including depreciation.....	6,308.22				
Average Cost per Mile.....	.0689				
		Miles	Cost	Cost per mile	Cost per mile*
E 248 Dairy	10,978	432.29	.0393	612.29	.0558
E 249 Dairy	11,727	573.41	.0488	733.41	.0642
E 250 Plumbing	6,830	415.11	.0607	595.11	.0871
E 251 Plumbing	6,467	356.29	.0550	536.29	.0829
E 252 Disinfection	6,401	368.74	.0576	548.74	.0857
E 253 Plumbing	7,732	385.76	.0498	565.76	.0732
E 254 Disinfection	4,919	365.90	.0743	545.90	.111
E 256 Plumbing	9,816	312.00	.0317	492.00	.0503
E 257 Inspection of indigents.....	6,498	165.42	.0254	345.42	.0531
E 258 Food and milk	6,687	230.12	.0344	410.12	.0613
E 259 Plumbing	6,276	206.55	.0329	386.55	.0616
E 260 Sanitary inspection	7,150	336.63	.0470	516.63	.0723
	91,481	4,148.22		6,308.22	

* Including depreciation.

TABLE 2.
ANNUAL REPORT COMMUNICABLE DISEASES.

	Total	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Ameliasis	3		2		1			1					
Anthrax	1												
Beri Beri	4	1	27	36	98	146	84	1	148	149	76	83	1
Quebro Spinal Meningitis	1016	18	57	34	39	101	116	118	129	174	428	155	33
Chickenpox	1247	87						129					107
*Diphtheria	1												
Measles	111	5	3	3	6	6	8	20	20	2	11	15	12
Prusselias													
Favus	74	1	4	7	8	2		3	6	13	2	2	26
Glanders (Animal)	5			1				1		1			2
Impetigo	4							1					
Influenza	2							2					
Leptosy	19		4	1	5	2							2
Malaria	135	10	8	7	8	2	7	21	11	11	1	4	17
Measles	1384	3	11	17	21	57	66	91	290	365	10	237	79
Mumps	1												
Ophthalmia neonatorum	11												
Pediculosis	423	16	7	33	35	48	57	65	35	56	24	21	10
Pneumonia	6	1		1		1	2						26
Polionomyelitis													1
Rabies (Animal)	1												
Ringworm	8												
Rotheln	1												
Scabies	1123	16	24	33	51	63	80	139	157	212	149	116	80
Scarlet Fever	8	1				2	1	3	1			2	1
Smallpox	3												
Tetanus	1												
Tinea Vesicolor	1			1									
Trachoma	38			1		14	1	7	3	4	1	4	1
Trichinosis	3												
Tuberculosis	1431	127	140	132	118	109	124	151	122	79	149	99	101
Typhoid Fever, Local Origin	118	8	13	11	10	10	5	12	9	7	9	12	9
Typhoid Fever, Outside Origin	87	9	13	15	15	5	4	5	5	4	4	2	6
Urticaria	1												
Unidentified	2					1	1						
Whooping Cough	619	12	16	40	51	25	26	73	95	116	64	75	26
*Diphtheria (Presidio)	42						33	2		2		5	
Diphtheria Carriers	589	72	13	9	5	33	32	71	41	177	77	32	27
	8542	387	345	387	478	633	648	945	1072	1373	851	885	548

BOARD OF HEALTH

TABLE 3

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS—CALENDAR YEAR 1915.

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Months 1915	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
	Cases	Deaths	Cases	Deaths	Cases†	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Pulmonary and Miliary		Meningeal	Other Forms		
																	Cases	Deaths				
January.....	162	15	30	0	7	3	581	4	36	6	0	0	0	0	1	0	153	68	•	6	•	7
February.....	156	17	25	2	17	3	569	8	20	0	0	0	0	0	3	0	117	61	•	12	•	5
March.....	185	11	42	1	19	5	331	5	44	3	0	0	0	0	0	0	182	75	•	7	•	4
April.....	129	8	20	1	12	3	138	2	50	1	0	0	0	0	0	0	142	71	•	5	•	2
May.....	175	19	21	0	17	4	39	0	42	0	0	0	0	0	0	0	132	51	•	4	•	4
June.....	149	15	17	0	12	5	23	0	12	3	1	0	0	0	0	0	135	51	•	8	•	4
July.....	87	7	16	0	17	3	10	0	12	1	0	0	0	0	0	0	127	35	•	7	•	3
August.....	57	3	24	0	26	4	8	0	16	0	0	0	0	0	0	0	140	52	•	6	•	3
September.....	34	3	33	1	29	5	7	0	40	0	0	0	0	0	0	0	132	37	•	7	•	3
October.....	39	3	51	0	25	3	8	0	51	2	0	0	0	0	0	0	118	66	•	9	•	3
November.....	101	6	65	0	15	1	2	0	25	3	1	0	0	0	1	0	109	65	•	5	•	6
December.....	116	6	80	0	9	4	7	0	26	2	0	0	0	0	2	0	124	74	•	6	•	4
Totals.....	1390	113	426	4	205	43	1723	19	374	21	7	0	0	0	9	0	1592	793	•	79	•	47

* Cases not reported.

† Includes 172 cases not local in origin.

TABLE 4.

CASES AND DEATHS FROM CERTAIN DISEASES. EACH YEAR FOR TEN YEARS.

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Years (Calendar)	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Polio-myelitis		Tuberculosis			
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Pulmonary and Miliary	Meningeal	Other Forms	
†1906.....	295	41	229	9	179	228	1231	42	*	26	40	1	*	0	1	12	595	578	35	
1907.....	664	90	246	5	363	107	910	24	*	24	208	4	*	0	0	0	765	729	54	
1908.....	589	55	499	24	266	68	2115	25	*	48	134	1	*	0	0	0	1355	689	54	
1909.....	521	37	501	10	345	64	1038	19	*	32	40	0	*	0	0	0	1510	706	37	
1910.....	316	26	599	17	285	69	1212	15	433	28	15	0	*	0	0	1	1279	702	46	
1911.....	326	28	192	1	336	58	451	47	309	26	106	1	*	0	20	2	1298	693	57	
1912.....	379	27	305	16	316	73	410	5	487	16	38	0	*	0	5	1	1298	693	80	
1913.....	796	85	414	4	224	58	4414	46	1297	66	52	0	*	0	18	1	1323	733	74	
1914.....	1390	113	426	3	205	43	1723	19	374	21	7	0	*	0	9	0	1418	733	57	
1915.....														0			1532	793	55	

† Records destroyed.

* Cases not reported.

TABLE 5
BACTERIOLOGICAL EXAMINATIONS.
DIPHTHERIA

	Primary				Secondary				Contact				School				Total	
	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful		
1915																		
July.....	89	232	1	1	288	713	8	2	27	198	3			109	2101			3771
August.....	42	199			129	367			2	90				26	145			1001
September.....	37	381	1		38	179	3		4	50				12	29			734
October.....	29	322	2		54	192	5	2	4	67				1	3			681
November.....	49	331	5	1	213	326	8	2	12	186	1			45	1457			2638
December.....	58	368	3	1	346	501	6	2	24	331				13	462			2116
1916																		
January.....	77	419	3	3	428	422	7	3	45	384	4			25	284		1	2105
February.....	64	440	9	4	552	637	18	2	46	406	5		1	7	288		1	2480
March.....	138	748	7	10	1014	935	40		82	657	4	1		85	1029	1	1	4752
April.....	85	632	4	2	915	1048	26	10	114	595	5			13	469	1	1	3920
May.....	88	748	4	4	490	943	17		42	444	2		1	1	148			2932
June.....	63	621	2	11	526	676	7	1	23	437	1			7	282			2657
Total.....	819	5441	41	37	4993	6939	145	24	425	3845	25	1	2	314	6697	2	7	29787

TABLE 5—Continued.

BACTERIOLOGICAL EXAMINATIONS.

	Tuberculosis		Typhoid				Rabies		
			Widals		Feces		Positive	Negative	Sus. picious
	Positive	Negative	Positive	Negative	Doubtful	Positive	Negative		
1915.									
July.....	106	99	3	35	3	1	5	3	1
August.....	110	106	6	35	21	1	4	3	
September.....	93	157	6	33	4	1	7	1	
October.....	56	150	4	34	2	3	10	3	
November.....	83	152	3	24		1	18	1	
December.....	90	173	2	19	2	1	18	1	
1916									
January.....	55	167	1	23		1	24	2	
February.....	76	217	1	31		1	20	1	
March.....	116	220	7	17		2	17	1	
April.....	87	185	8	22	3	2	10	8	
May.....	99	205	6	29	2	1	1	3	1
June.....	72	119	4	27	2	8	22	2	
	1043	2010	52	329	29	20	163	1	2

† Human.

TABLE 5—Continued.

BACTERIOLOGICAL EXAMINATIONS—VENEREAL DISEASES.

	Wasserman Tests						Gonorrheal			Gonorrhoea			
	Blood			Spinal Fluid			Comp. Fix. Test			Positive	Negative	Doubtful	Suspicious
	Positive	Negative	Doubtful	Positive	Negative	Doubtful	Positive	Negative	Doubtful				
1915.													
July.....	5	65	1	2	5	1	1	1		8	49	2	1
August.....	10	62	6	2	8	1					63	8	
September.....	14	72	3	2	9	1	4	1	2	5	53	8	
October.....	16	80	1	7	4		5	2	1	8	35	2	
November.....	9	94	1	1	5	2	9	2		6	40		
December.....	13	92	3		4					2	54		
1916													
January.....	18	61		3	11		7	3		7	86	10	
February.....	13	72	4	4	7		3	2		9	89	4	
March.....	17	103	1	2	15		3	2		5	81	2	
April.....	7	80	1	2	11		1	1	1	4	68	2	1
May.....	16	132	4	1	11		3	7	1	6	68		
June.....	14	65		1	8		4	3		13	135	9	
	152	978	25	25	94	4	39	22	4	70	721	44	2

TABLE 5—Continued.
BACTERIOLOGICAL EXAMINATIONS.

RABIES.				
	Positive	Negative	Suspicious	Pasteur Treatments Administrd.
1915—				*Patients Treated
July		2		
August		3	1	2
September		1		
October		3		
November		1		
December	1	1		1
1916—				
January		2		1
February		1		
March		1		1
April				1
May		3	1	
June		2		1
	1	20	2	7
				177

* Total treated to date 239.

TABLE No. 6—Continued.

	Patients Admitted	Patients Discharged	Died	Cost per Patient Per Day	Hospital Days
1915.					
July	55	47	3	\$1.435	1,659
August	32	37	0	2.18	1,216
September	22	15	1	3.26	833
October	32	49	3	2.58	963
November	33	25	3	2.395	1,204
December	64	48	3	1.36	1,691
1916.					
January	60	53	3	1.78	1,908
February	83	56	3	1.82	1,860
March	142	91	12	1.80	2,543
April	98	105	10	1.42	3,045
May	96	101	12	1.41	2,651
June	90	84	6	1.87	2,345
Totals	807	711	59	*	21,928

*Average cost per patient per day, \$1.90.

TABLE No. 8.

FREE DIPHTHERITIC ANTITOXIN DISPENSED FISCAL YEAR 1915-1916.

Month	10,000 Units	7,500 Units	5,000 Units	4,000 Units	3,000 Units	2,000 Units	1,000 Units
1915.							
July	50		75			10	100
August	5		15				30
September	10		20				45
October	5						20
November	48		30				65
December	39	5	50				55
1916.							
January	60		40				88
February	10		5				2
March	30	5	90				160
April	21		23			25	30
May	55		35				75
June	15		15				10
	<u>348</u>	<u>10</u>	<u>398</u>	<u>—</u>	<u>—</u>	<u>35</u>	<u>680</u>

Total units dispensed 4,703,000.

TABLE 9.
ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.

	Totals	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Fumigations—													
Diphtheria.....	1093	108	63	39	42	51	91	86	104	131	123	134	121
Scarlet Fever.....	974	18	17	28	40	44	72	66	116	153	183	141	96
Smallpox.....	10	2				2		5	1				
Tuberculosis.....	1011	82	58	86	88	84	92	99	107	75	77	91	72
Cerebro Spinal Meningitis.....	2												2
Typhoid Fever.....	37		3	5	4	2	2	2	7	3	2	1	6
Glanders.....	9				3	2	2	2					2
Other Cases.....	25	1	1	2	2	6	3	1		4	1	3	1
Poliomyelitis.....													
Total.....	3161	211	142	160	179	191	262	259	335	365	386	370	300
Rooms Fumigated.....	5,223	318	214	271	294	304	408	422	540	901	656	580	274
Cubic Feet Disinfected.....	10,332,500	631,900	399,100	400,200	478,600	520,400	788,200	878,300	1,153,600	1,296,200	1,125,500	1,301,900	1,057,000
Material Used—													
Formaldehyde, solid.....	5,567					235	457	567	778	890	955	871	801
Formalin (oz.).....	3,083					1,776	684	864	780	1,108	568	416	258
Sulphur (lbs.).....	829					55	28	61	54	81		44	4
Kresol Comp. (oz.).....	32									32			
Chloride of Lime (lbs.).....													
Crude Carbolic Acid (oz.).....													
Peirce Dishes Placed.....	8					8			64				
Noko Compound.....	848		88	96	16								584

TABLE 10.

MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

	Ages												
	Total Deaths Under 1 Year	Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
January.....	54	8	3	1	7	4	4	1	6	2	3	4	12
February.....	46	9	4	1	3	5	2	2	5	3	8	3	1
March.....	54	12	1	2	5	4	5	5	5	4	5	7	4
April.....	42	12	1	1	4	3	2	5	3	3	7	2	2
May.....	44	14	4	1	1	2	2	2	3	1	7	4	1
June.....	37	11	1	1	2	2	2	2	2	2	4	5	3
July.....	41	13	3	1	1	1	2	2	2	1	4	4	4
August.....	35	9	4	1	2	2	2	2	3	2	3	3	2
September.....	43	13	3	1	3	3	3	4	4	3	2	4	4
October.....	48	10	2	1	1	3	3	4	3	8	10	6	3
November.....	42	13	2	1	1	1	3	1	6	1	7	4	2
December.....	47	16	7	1	2	3	3	4	3	2	5	4	2
Totals	533	140	33	11	31	33	28	21	47	32	65	47	45
MALE.....	314	74	21	5	19	21	16	13	32	25	38	29	21
FEMALE.....	219	66	12	6	12	12	12	8	15	7	27	18	24
Totals	533	140	33	11	31	33	28	21	47	32	65	47	45
WHITE.....	491	129	30	11	30	33	25	20	43	29	59	39	43
BLACK.....	1	7	1	1	1	1	2	1	2	1	1	3	1
CHINESE.....	19	7	1	1	1	1	1	1	2	2	2	5	1
JAPANESE.....	22	4	2	1	1	1	1	1	1	1	1	1	1
Totals	533	140	33	11	31	33	28	21	47	32	65	47	45

Calendar Year 1915.

BOARD OF HEALTH

TABLE 10—Continued.
MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

Calendar Year 1915.	Ages												
	Under 1 Year	Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
152a Other Diseases Early Infancy	23	14	5	1	2	1			1				
Atelectasis Neonatorum	15	5	4	2	1	1	1		1				
Instrumental Delivery	3												
Hemorrhage Umbilicus	8	7	1										
Asphyxia Neonatorum	2			1	1								
Melena Neonatorum	1	1											
Difficult Labor	1												
Icterus Neonatorum	1				2	1	1	1					
Hemorrhagica Neonatorum	4												
Exposure	1	1			1								
153 Accidental Poisoning	1									1			
164a Potomane Poisoning	1												1
164b Burns (Accidental)	2								1		1		
167 Suffocation—Under Bedclothes	1												
168 Inspiration of Vomit	1												
Inspiration of Milk	1								1				
172 Fall from Go-cart	1												1
Totals.	533	140	33	11	31	33	28	21	47	32	65	47	45

TABLE 11

STATISTICAL REPORT OF SCHOOL HEALTH INSPECTION FOR THE
FISCAL YEAR ENDED JUNE 30, 1916

The exclusions from school for communicable diseases (including "contacts") were as follows:

Chickenpox	704
Chorea	5
Diphtheria	379
Measles	48
Mumps	1,139
Scarlet Fever	530
Tonsillitis (Acute)	59
Trachoma	22
Whooping Cough	391
Contacts (all)	3,267

Total	6,544
-------------	-------

General examinations by nurses during school hours.....	212,995
Home visits by nurses.....	11,108
Dressings by nurses	5,545
Treatments by nurses	8,855
Physical examinations by medical inspectors.....	9,555
Defect notices issued to parents.....	1,644

The following figures show the results of defect notices issued during the year and those previously issued:

Treated by operation	657
Treated without operation.....	142
Vision corrected by glasses.....	221
Referred to clinics	199
Referred to societies	7

TABLE 12
ANNUAL REPORT, DIVISION OF FOOD INSPECTION.
INSPECTIONS MADE.

	Total	1915					1916						
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bakeries.....	17			6	3	1	51	54	49	66	2	22	4
Butchershops.....	470	41	15	27	49	54	3	1	6	6	24	2	18
Candy Factories and Stores.....	150	7	7	3	48	6	3	3	29	107	142	204	61
Commission Houses.....	911	69	21	195	1	22	5	12	5	18	6	1	113
Delicatessen Stores.....	100	4	9	11	6	13	12	12	31	54	20	98	33
Fruit Stores.....	479	24	13	31	51	32	50	39	34	29	46	28	41
Grocery Stores.....	520	7	27	55	52	37	59	34	43	13	17	4	105
Hotels and Restaurants.....	355	51	40	42	46	30	27	39	31	46	9	16	5
Markets.....	206	12	16	6	31	10	10	2	14	46	9	16	3
Milk Depots.....	32				5	23							2
Peddler Wagons.....	41	7	5	2			2	8	5	3	17	7	12
R. R. Depots and Wharves.....	99	14	5	17		5	33	29	11	83	31	31	35
Warehouses.....	249	3					112	101		123	41	64	66
Miscellaneous.....	752	25	31	76	62	51			15				
Baths.....	15								37				
Reservoirs.....	37												
Total.....	4433	264	190	471	354	284	364	353	277	515	337	561	460

CONDEMNATIONS AND SEIZURES.

Fruits—323 boxes, 2,890 lbs.
Vegetables and Cereals—4,053 sacks, 460 lbs., 9 packages,
143 boxes, 7 crates.
Canned and Bottled Goods, Dried Fruits—6,791 bottle,
8,461 cans, 1,233 lbs., 279 cals, 658 packages, 176 bbls.
Poultry and Game—46 bbls. fish, 12 hare, 7 geese, 4 chickens.
Miscellaneous—50 enchiladas, 40 lbs. butter.
Food and Drink Samples collected for analysis, 667.
Nuisances abated by written notice, 243.

RESTAURANT INSPECTION

First Inspections—	
Restaurants.....	182
Miscellaneous Food Stores.....	168
Complaints.....	126
Total.....	476
Reinspections.....	1,834
Nuisances Abated.....	139
Restaurants Scored.....	68

TABLE 13
ANNUAL REPORT DIVISION DAIRY INSPECTION

	Totals	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspections, *Dairies Inspected in San Francisco County.....	139	9	41	6	8	7	4	10	8	105	28	13	5
Dairies Inspected in other counties.....	1257	101	66	121	96	123	108	96	81	105	119	121	114
Dairy Depots.....	2186	189	175	346	257	229	206	240	119	152	95	98	110
*Miscellaneous Milk Venders.....	1439	142	150	190	194	161	156	163	58	76	58	47	41
Total.....	5021	444	432	633	555	523	474	509	266	333	300	282	270
Cows.....	162792	16423	11803	17125	11500	13219	15225	12250	10703	12736	14102	14271	13165
Cows Placed Under Quarantine.....	521	43	43	35	32	39	65	29	37	45	49	67	37
Cows Condemned and Killed.....	172	12	10	10	7	19	25	6	13	25	13	23	9
Milk Cans Condemned.....	1081	136	86	205	75	171	43	102	76	39	46	59	43
Samples of Water Taken for Analysis.....	27		19	8									

* These inspections covered by two lay inspectors in the City, remainder of report shows work performed by Dairy Veterinarians in the field.

TABLE 14
ANNUAL REPORT, DIVISION OF MILK INSPECTION

	Total	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Samples Taken From													
Milk Wagons.....	429	7	33	38	29	37	10	107	67	30	34	19	18
Depot and Dairies.....	14	1				9							4
R. R. Depots and Wharves.....	2329	221	26	164	133	198	314	118	98	130	365	237	325
Groceries.....	5			2			1					1	1
Delicatessen Stores.....													
Hotels and Restaurants.....	182	2	6	103			1		24	5	41	1	
Bakeries.....	1												
Miscellaneous.....													
Total.....	2960	231	65	307	162	244	326	225	189	165	440	258	348

TABLE 15.

MILK BELOW STANDARD

Date	Ref. Recd	Milk Fat	Total Solids	Solids		Below Standard.		Added Substance	Disposition
				Fat	Not Fat	Milk Fat	Solids Not Fat		
1915									
July 1	42.3	3.0	11.81	8.81		.4			
" 1	41.7	3.0	11.62	8.62		.4			
" 1	39.5	3.6	11.63	8.03					
Aug. 15	42.8	1.8	10.77	8.97		1.6		Water 10%	Arrest
Sept. 3	39.3	3.7	11.80	8.10			.40	10% water	Arrested
" 8	42.0	3.2							Warned
" 13	37.2	3.2	10.30	7.10		0.2	1.40	20% water	Arrested
" 13	39.1	3.4	11.11	7.71			.79	10% water	Arrested
" 13	39.4	3.3	11.20	7.90		0.1	.60	10% water	Arrested
" 13	38.2	3.3	10.71	7.41		0.1	1.09	20% water	Arrested
" 13	38.0	3.4	10.87	7.47			1.03	20% water	Arrested
" 13	41.5	2.6	11.32	8.72		.8			Arrested
" 13	39.1	3.5	11.24	7.74			.76	10% water	Arrested
" 13	38.0	3.4	10.83	7.43			1.07	20% water	Arrested
" 13	39.3	3.4	11.08	7.68			.82	10% water	Arrested
" 13	38.7	3.3	10.89	7.59		.1	.91	15% water	Arrested
" 13	39.7	3.4	11.73	8.33			.17	10% water	Arrested
" 13	42.2	2.7	11.94	9.24		.7			Arrested
" 13	41.0	2.1	10.61	8.51		1.3			Arrested
" 13	39.5	3.2	11.66	8.46		0.2	.04		Warned
" 13	41.0	3.1	11.19	8.09		0.3			Warned
" 13	40.0	3.1	11.09	7.99		0.3	.51	10% water	Arrested
" 13	41.2	2.5	10.60	8.10		.9	.40		Arrested
" 13	37.2	1.9	8.71	6.81		1.5	1.69	20% water	Arrested
" 13	41.1	2.7	11.79	9.09		.7			Arrested

TABLE 15—Continued.

Date	Ref. Read	Milk Fat	Total Solids	Solids		Below Standard.		Disposition
				Not Fat	Milk Fat	Not Fat	Added Substance	
1915								
Sept. 13.....	41.7	1.6	10.49	8.89	1.8			Arrested
" 13.....	40.1	3.0	11.29	8.29	0.4	.21	10% water	Arrested
" 13.....	40.0	3.2	11.76	8.56	0.2			Warned
" 23.....	42.0	3.0	11.99	8.99	.4			Warned
" 23.....	40.2	2.7	11.60	8.90	.7			Warned
Oct. 5.....	42.7	3.0	12.12	9.12	0.4			Warned
" 18.....	41.0	2.8	11.23	8.43	.6			Warned
" 18.....	42.4	3.1	12.02	8.92	.3			Warned
" 18.....	40.8	3.0	11.55	8.55	0.4			Arrested
Nov. 8.....	42.0	2.8	11.21	8.41	.6			Warned
" 30.....	39.6	3.4	11.79	8.39	.11		10% water	Arrested
" 30.....	38.2	4.2	11.65	7.45	1.05		10% water	Arrested
Dec. 1.....	39.8	3.8	11.50	7.70		.80	10% water	Arrested
" 2.....	39.7	3.4	11.39	7.99		.51	10% water	Arrested
" 2.....	39.5	4.1	12.01	7.91		.59	10% water	Arrested
" 2.....	39.5	3.6	11.25	7.65		.85	10% water	Arrested
" 7.....	42.4	2.6						Warned
" 9.....	42.0	2.5	11.76	9.26	.9			Warned
" 27.....	41.7	2.9	11.92	9.00	.5			Warned
" 28.....	39.1	3.4	11.42	8.02	.48		10% water	Arrested
" 28.....	39.0	3.4	10.95	7.55		.95	10% water	Arrested
" 28.....	35.2	2.8	9.68	6.88	.6	1.62	20% water	Arrested
1916								
Jan. 7.....	43.0	3.0	12.02	9.02	.4			Warned
" 18.....	42.3	3.1	12.12	9.02	.3			Warned
" 18.....	42.2	3.0	12.20	9.20	.4			Warned

"	18	.....	39.0	3.1	11.05	7.95	.55		10% water	Arrested
"	21	.....	37.0	3.2	10.22	7.02	1.48		20% water	Arrested
Feb,	19	.....	39.9	3.6	11.84	8.24		.26	10% water	Arrested
"	19	.....	37.9	3.3	10.63	7.33	.1	1.17	20% water	Arrested
"	19	.....	39.6	3.5	11.78	8.28		.22	10% water	Arrested
"	28	.....	43.0	2.7	11.72	9.02	.7			Warned
"	28	.....	42.8	2.6	11.76	9.16	.8			Warned
"	28	.....	42.7	3.0	11.94	8.94	.4			Warned
"	28	.....	43.3	2.1	11.12	9.02	1.3			Warned
"	28	.....	42.5	3.0	11.70	8.70	0.4			Warned
"	28	.....	42.2	3.0	11.68	8.68	.4			Warned
Mch,	29	.....	38.5	3.3	11.13	7.83	0.1	.67	10% water	Arrested
April	4	.....	39.5	3.7	11.81	8.11		.39	10% water	Arrested
"	4	.....	43.0	2.4	10.94	8.54	1.0			Warned
"	4	.....	40.4	3.7	12.12	8.42				Arrested
"	4	.....	42.0	2.0	10.77	8.77	1.4	.08	Added water	Arrested
"	4	.....	40.0	3.8	11.96	8.16		.34		Warned
"	5	.....	39.2	3.5	11.69	8.19		.31	10% water	Arrested
"	5	.....	40.2	3.1	11.00	7.90	0.4	.60	Added water	Arrested
"	5	.....	40.3	3.1	11.50	8.40	0.3	.10	Added water	Arrested
"	8	.....	39.2	3.3	11.09	7.79	0.1	0.71	10% water	Arrested
"	8	.....	39.1	3.2	11.05	7.85	0.2	0.65	10% water	Arrested
"	8	.....	39.9	3.0	10.90	7.90	0.4	0.6	7% water	Arrested
"	8	.....	39.3	3.2	11.12	7.92	0.2	0.58	7% water	Arrested
"	10	.....	41.3	1.9	10.98	9.08	1.5			Warned
"	10	.....	42.1	2.5	11.34	8.84	0.9			Warned
"	10	.....	42.9	3.2	11.80	8.60	0.2			Warned
"	11	.....	40.5	3.2	11.42	8.22	0.2	0.28		Arrested
"	11	.....	41.0	3.3			0.1			Arrested
"	11	.....	41.0	3.2	11.42	8.22	0.2	0.28		Arrested
"	11	.....	41.2	3.1	11.36	8.26	0.3	0.24		Arrested
"	11	.....	41.2	3.2	11.47	8.27	0.2	0.23		Arrested
"	11	.....	41.3	3.1	11.37	8.27	0.3	0.23		Arrested
"	12	.....	42.2	2.7	11.57	8.87	0.7			Warned

TABLE 15—Continued.

Date	Ref. Read	Milk Fat	Total Solids	Solids		Below Standard.		Disposition	
				Not Fat	Fat	Milk Fat	Solids Not Fat		
1916									
April 12.....	42.5	3.1	12.64	9.54	0.3			Warned	
" 12.....	42.7	3.2	11.99	8.79	0.2			Warned	
" 24.....	42.2	3.2	11.91	8.71	0.2			Warned	
" 24.....	41.9	3.2	11.84	8.64	0.2			Warned	
" 25.....	42.4	1.9	10.98	9.08	1.5			Warned	
" 25.....	42.2	2.6	11.46	8.86	0.8			Warned	
" 25.....	41.2	3.0	11.68	8.68	0.4			Warned	
May 8.....	42.3	2.1	11.15	9.05	1.3		1.01	Arrested	
" 8.....	38.8	3.4	10.89	7.49			12% water	Warned	
" 9.....	41.8	3.2	12.04	8.84	0.2			Warned	
" 9.....	42.5	3.1	12.04	8.94	0.3			Warned	
" 9.....	41.9	3.2	11.95	8.75	0.2			Arrested	
" 10.....	37.8	3.3	10.70	7.40	0.1		1.1	12% water	
" 10.....	40.2	3.3	11.64	8.34	0.1		0.16	Arrested	
" 10.....	41.5	2.2	10.73	8.53	1.2			Warned	
" 10.....	40.5	2.8	11.27	8.47	0.6		0.03	Warned	
" 16.....	42.8	2.8	11.71	8.91	.6			Warned	
" 16.....	42.7	2.9	11.32	8.42	.5		.08	Warned	
" 17.....	43.4	2.9	12.05	9.15	0.5			Warned	
" 26.....	42.1	3.0	11.70	8.70	0.4			Warned	
" 26.....	40.0	3.4	11.85	8.45			.05	Warned	
" 26.....	41.9	3.1	11.17	8.07	0.3		.43	Warned	
June 1.....	43.0	2.8	12.03	9.23	0.6			Warned	
" 8.....	40.3	3.2						Warned	
" 8.....	41.5	3.2						Warned	
" 13.....	42.6	2.9	12.03	9.13	0.5		Skimmed	Warned	
" 13.....	41.5	3.2	12.22	9.02	0.2			Warned	

"	13	.....	39.7	3.4	11.51	8.11	0.39		5% water	Arrested
"	13	.....	40.6	3.3	11.54	8.24	0.1	0.26	Added water	Arrested
"	13	.....	40.0	3.2	11.37	8.17	0.2	0.33	Added water	Arrested
"	14	.....	42.0	2.0	11.35	9.35	1.4		Skimmed	Arrested
"	14	.....	41.6	2.9	11.43	8.53	0.5		Skimmed	Warned
"	14	.....	41.8	3.0	12.07	9.07	0.4		Skimmed	Warned
"	26	.....	41.4	2.3	11.38	9.08	1.1		Skimmed	Arrested
"	26	.....	39.0	3.3	11.39	8.09	.1	.41	10% water	Arrested
"	26	.....	39.4	3.6	11.86	8.26		.24	7% water	Arrested
"	26	.....	39.7	3.5	11.29	7.79		.71	10% water	Arrested
"	26	.....	40.1	3.3	11.62	8.32	.1	.18	5% water	Arrested
"	28	.....	40.3	3.7	11.92	8.22		0.28	Added water	Warned
"	28	.....	42.6	3.1	12.27	9.17	0.3			Warned
"	28	.....	39.0	3.7	12.04	8.34		0.16	Added water	Arrested
"	28	.....	40.5	3.8	12.09	8.29		0.21	Added water	Arrested
"	28	.....	41.2	3.1	11.64	8.54	0.3			Arrested
"	28	.....	41.8	3.1			0.3			Warned
"	30	.....	39.70	3.35	11.72	8.37	0.05	0.13		Arrested

TABLE 15—Continued.

RESULTS OF ARRESTS AND PROSECUTIONS BY THE LABORATORY
ORDINANCE 660 (Regulating the handling and sale of milk)

Date of Arrest 1916	Date of Trial 1916	Disposition of Case
June 22	July 13	O. R. 30 days
June 11	July 16	\$25.00
June 14	July 16	\$25.00
June 14	July 16	\$50.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	\$10.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	Dismissed
Sept. 13	Oct. 1	O. R. 30 days
Sept. 13	Oct. 1	O. R. 30 days
Sept. 13	Oct. 1	\$25.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 1	\$10.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 1	\$10.00
Sept. 13	Nov. 11	\$25.00
Nov. 8	Dec. 8	O. R. 30 days
Nov. 8	Dec. 8	O. R. 30 days
Nov. 5	Dec. 10	O. R. 30 days
Nov. 5	Dec. 16	O. R. 30 days
Nov. 18	Dec. 16	O. R. 60 days
Dec. 2	Dec. 17	O. R. 30 days
Nov. 15	Dec. 17	O. R. 30 days
Dec. 2	Dec. 22	O. R. 30 days
Nov. 30	Dec. 22	\$25.00
1916		
Nov. 15	Jan. 6	\$50.00
Dec. 2	Jan. 6	\$50.00
Dec. 27	Jan. 16	O. R. 30 days
Dec. 28	Jan. 21	\$25.00
Dec. 15	Jan. 26	Dismissed
Dec. 15	Jan. 26	Dismissed
Dec. 15	Jan. 26	Dismissed
1916		
Jan. 21	Feb. 11	\$50.00
Feb. 2	Feb. 25	\$25.00
Feb. 16	Mar. 14	\$25.00
Feb. 16	Mar. 14	\$25.00
Feb. 16	Mar. 14	\$25.00
Feb. 16	Mar. 20	\$10.00
Mar. 16	Mar. 23	O. R. 60 days
April 5	April 18	\$25.00
April 4	April 18	O. R. 60 days
April 4	April 18	O. R. 60 days

TABLE 15—Continued

RESULTS OF ARRESTS AND PROSECUTIONS BY THE LABORATORY
ORDINANCE 660 (Regulating the handling and sale of milk)—Continued

Date of Arrest 1916	Date of Trial 1916	Disposition of Case
April 4	April 18	O. R. 60 days
April 8	April 18	Dismissed
April 8	April 18	Dismissed
April 8	April 18	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
Mar. 29	April 18	O. R.
April 8	April 18	\$10.00
May 8	May 24	\$10.00
April 5	May 23	O. R. 30 days
May 8	May 23	O. R.

Total fines assessed \$675.00. Average fine \$23.27.

O. R.—Released upon own recognizance.

TABLE 16

MILK BACTERIAL COUNTS—AUGUST, 1915.

Bacteria per c.c.		Number of Samples Shippers	Number of Samples Wagons—Stores
Under	10,000.....	0	
10,000 to	50,000.....	14	
50,000 to	100,000.....	4	
100,000 to	250,000.....	7	
250,000 to	500,000.....	1	
500,000 to	1,000,000.....	0	
Over	1,000,000.....	0	
		26	

Rating for the month, Levy method, 74%.

MILK BACTERIAL COUNTS—SEPTEMBER.

Bacteria per c.c.		Number of Samples Shippers	Number of Samples Wagons—Stores
Under	10,000.....	3	
10,000 to	50,000.....	57	
50,000 to	100,000.....	28	
100,000 to	250,000.....	14	
250,000 to	500,000.....	11	
500,000 to	1,000,000.....	24	
Over	1,000,000.....	15	
		152	

Rating for the month, Levy method, 57%.

BOARD OF HEALTH

TABLE 16—Continued
MILK BACTERIAL COUNTS—OCTOBER.

Bacteria per c.c.		Number of Samples Shippers	Number of Samples Wagons—Stores
Under	10,000.....	1	
10,000 to	50,000.....	58	
50,000 to	100,000.....	28	
100,000 to	250,000.....	13	
250,000 to	500,000.....	8	
500,000 to	1,000,000.....	12	
Over	1,000,000.....	9	
		<hr/>	
		129	

Rating for the month, Levy method, 65%.

MILK BACTERIAL COUNTS—NOVEMBER.

Bacteria per c.c.		Number of Samples Shippers	Number of Samples Wagons—Stores
Under	10,000.....	44	1
10,000 to	50,000.....	44	3
50,000 to	100,000.....	32	4
100,000 to	250,000.....	20	
250,000 to	500,000.....	8	
500,000 to	1,000,000.....	11	
Over	1,000,000.....	4	
		<hr/>	
		163	8

Rating for the month, Levy Method, 74%.

MILK BACTERIAL COUNTS—DECEMBER.

Bacteria per c.c.		Number of Samples Shippers	Number of Samples Wagons—Stores
Under	10,000.....	1	
10,000 to	50,000.....	172	3
50,000 to	100,000.....	62	2
100,000 to	250,000.....	40	3
250,000 to	500,000.....	15	2
500,000 to	1,000,000.....	14	
Over	1,000,000.....	1	
		<hr/>	
		305	10

Rating for the month, Levy method, 74%.

MILK BACTERIAL COUNTS—JANUARY, 1916.

Bacteria per c.c.		Number of Samples Shippers	Number of Samples Wagons—Stores
Under	10,000.....	—	
10,000 to	50,000.....	83	64
50,000 to	100,000.....	13	25
100,000 to	250,000.....	6	13
250,000 to	500,000.....	7	4
500,000 to	1,000,000.....	7	
Over	1,000,000.....	—	
		<hr/>	
		116	106

Rating for the month, Levy method, 77%.

TABLE 16—Continued

MILK BACTERIAL COUNTS—FEBRUARY.

Bacteria per c.c.	Number of Samples Shippers	Number of Samples Wagons—Stores
Under 10,000.....	—	—
10,000 to 50,000.....	50	32
50,000 to 100,000.....	19	17
100,000 to 250,000.....	16	12
250,000 to 500,000.....	4	2
500,000 to 1,000,000.....	8	4
Over 1,000,000.....	2	—
	99	67

Rating for the month, Levy method, 69.5%.

MILK BACTERIAL COUNTS—MARCH.

Bacteria per c.c.	Number of Samples Shippers	Number of Samples Wagons—Stores
Under 10,000.....	—	—
10,000 to 50,000.....	45	10
50,000 to 100,000.....	10	11
100,000 to 250,000.....	11	5
250,000 to 500,000.....	1	2
500,000 to 1,000,000.....	7	2
Over 1,000,000.....	3	—
	77	30

Rating for the month, Levy method, 70.6%.

MILK BACTERIAL COUNTS—APRIL.

Bacteria per c.c.	Number of Samples Shippers	Number of Samples Wagons—Stores
Under 10,000.....	—	—
10,000 to 50,000.....	162	23
50,000 to 100,000.....	65	11
100,000 to 250,000.....	41	4
250,000 to 500,000.....	22	2
500,000 to 1,000,000.....	49	12
Over 1,000,000.....	3	—
	342	52

Rating for the month, Levy method, 65.6%.

MILK BACTERIAL COUNTS—MAY.

Bacteria per c.c.	Number of Samples Shippers	Number of Samples Wagons—Stores
Under 10,000.....	1	—
10,000 to 50,000.....	105	9
50,000 to 100,000.....	56	7
100,000 to 250,000.....	17	3
250,000 to 500,000.....	10	—
500,000 to 1,000,000.....	15	—
Over 1,000,000.....	5	—
	209	19

Rating for the month, Levy method, 71.5%.

TABLE 16—Continued

MILK BACTERIAL COUNTS—JUNE.

Bacteria per c.c.		Number of Samples Shippers	Number of Samples Wagons—Stores
Under	10,000.....	....
10,000 to	50,000.....	159	6
50,000 to	100,000.....	48	
100,000 to	250,000.....	36	5
250,000 to	500,000.....	19	6
500,000 to	1,000,000.....	23	
Over	1,000,000.....	6	
		291	17

Rating for the month, Levy method, 70%.

BACTERIAL INDEX

The Bacterial Index of the milk supply of the City as determined by the Levy method recommended by the American Public Health Association was 69.9 per cent for the year 1915-16 as shown below:

		No. of Samples	Rating Figure	Product
Under	10,000.....	51	100	5,100
10,000 to	50,000.....	1,099	90	93,910
50,000 to	100,000.....	447	75	33,525
100,000 to	250,000.....	267	50	13,350
250,000 to	500,000.....	118	20	2,360
500,000 to	1,000,000.....	188	10	1,880
Over	1,000,000.....	48	0	0
		2,218		155,125

155,125

= 69.9 per cent.

2,218

TABLE 17

CHEMICAL LABORATORY.

GENERAL SUMMARY OF ANALYSES MADE DURING THE FISCAL YEAR
ENDED JUNE 30, 1916.

Allspice	3	Mace	1
Almonds	1	Manure	1
Apricots—dried	1	Marshmallow creme	1
Bacon	1	Mayonnaise	1
Barley	1	Meat	2
Beans	8	Meat—chopped	26
Beer	48	Meat—mince	3
Blanket	2	Meat—sausage	13
Boiler compound	1	Milk	3,055
Boiler scale	2	Milk—condensed	6
Boiler water	1	Molasses	5
Bouillon	1	Mustard	1
Bread	2	Noodles	1
Butter	14	Olives	2
Capsules	1	Olive oil	8
Catsup	5	Peaches—dried	2
Chestnuts	1	Peas	1
Chili con carne.....	6	Pepper	6
Chocolate	1	Pills	1
Clams	1	Pineapple juice	1
Cloves	1	Popcorn	1
Coal tar color.....	2	Preservative	4
Coffee	2	Prunes—dried	1
Cold cream	1	Raisins	1
Corn	1	Raspberries	1
Corn beef	1	Rice	4
Crab	2	Rennet	1
Crackers	1	Salad oil	1
Cream	46	Salmon	2
Dates	1	Salt petre	4
Dish	1	Sauce	3
Dye	1	Scrapple	1
Eggs	2	Soap	5
Egg meat	11	Soda	1
Figs	1	Soda waters	8
Flour	40	Soup	2
Frijoles	1	Spaghetti	5
Fruit—dried	1	Sugar	1
Gas	1	Tamale	1
Gasoline	3	Tomatoes	1
Groats	1	Tomato puree	3
Gum	1	Toxicological	31
Herbicide	1	Tuna	1
Hominy	3	Unknown substance	1
Ice cream	23	Urine	48
Iceine	1	Vanilla extract	1
Iodine	25	Vermicelli	1
Jam	3	Walnuts	1
Jelly	4	Water	353
Lard	1	Wheat nuts	1
Lemon juice	1	Wine	11
Lemon oil	1		
Liniment	1		

3,926

TABLE 19
 SPRING VALLEY WATER CO.—CLARENDON HEIGHTS—FISCAL YEAR 1915-1916.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Consumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37o.....	REMARKS.
						Nitrites.....	Nitrates.....	Free Ammonia.....	Albuminoid Ammonia.....					
7-14-15	Clear	283	25	248	27	.0003	.200	.2430	.2553	1	Bl.	350	100 B.	Coli present in 5cc
7-29-15	Clear	303	51	252	26	Trace	Trace	.068	.116	1	N. B.	70	60 B.	Coli present in 10cc
8-25-15	Clear	307	44	263	30	.003	.800	.041	.0871	3	B. S.	240	80 B.	Coli present in 5cc
9-29-15	Clear	302	36	266	23	Trace	.800	.011	.0793	1	N. B.	200	180 B.	Coli absent in 10cc
10-25-15	Clear	306	46	260	26	.002	.800	.0260	.0585	1	N. B.	460	300 B.	Coli present in 10cc
11-24-15	Clear	305	31	274	25	.001	.800	.0195	.0312	1	N. B.	28	50 B.	Coli absent in 10cc
12-22-15	Turbid	300	50	250	24	.0005	.800	.0455	.0702	1	Bl. S.	320	150 B.	Coli present in 5cc
1-14-16	Turbid, very bad	302	79	223	24	None	.900	.1482	.2262	3	Bl.	280	200 B.	Coli present in 5cc
2-8-16	Turbid	276	40	236	21	Trace	.600	.0390	.1620	1	N. B.	180	10 B.	Coli present in 10cc
2-25-16	Turbid	221	79	142	22	.0005	.600	.0481	.1144	2	Bl.	250	20 B.	Coli absent in 10cc
3-14-16	Turbid	200	30	170	22	Trace	Trace	.0403	.0741	1	B.	700	12 B.	Coli absent in 10cc
3-18-16	Clear	230	49	181	22	None	Trace	.0346	.2145	2	N. B.	80	60 B.	Coli present in 10cc
4-19-16	Clear	248	63	185	22	None	Trace	.0346	.1826	3		250	40 B.	Coli present in 10cc
5-15-16	Turbid	237	23	214	22	None	Trace	.1170	.1235	2		28	40 B.	Coli absent in 10cc
6-7-16												180	60 B.	Coli present in 10cc

SPRING VALLEY WATER CO.—CLAY ST. TANK—FISCAL YEAR 1915-1916.

7-14-15	Clear	252	36	216	22	Trace	.130	.0598	.1144	2	Bl.	200	60 B.	Coli absent in 10cc
7-29-15	Clear	420	37	383	23	Trace	.600	.032	.060	1	Bl.	50	20 B.	Coli present in 10cc
8-25-15	Clear	208	57	151	29	Trace	None	.0026	.0429	1	B. S.	2400	600 B.	Coli present in 1cc
9-29-15	Clear	286	29	257	26	None	.600	.0117	.0663	1	N. B.	5000	1200 B.	Coli present in 1cc
10-25-15	Clear	309	39	270	26	.002	.500	.0403	.1495	1.0	N. B.	300	50 B.	Coli absent in 10cc

SPRING VALLEY WATER CO.—COLLEGE HILL—FISCAL YEAR 1915-1916.

11-24-15	Clear	291	28	263	26	.002	.700	.0273	.0676	1	N. B.	420	10 B.	Coli absent in 10cc
12-22-15	Turbid	313	74	239	23	.0005	.600	.0390	.0663	1	N. B.	100	12 B.	Coli present in 10cc
1-14-16	Turbid	267	70	197	26	.0005	.600	.0533	.1430	3	Bl.	80	60 B.	Coli present in 5cc
2-8-16	Turbid	241	66	175	22	None	.700	.0273	.0715	2	Bl.	260	30 B.	Coli absent in 10cc
2-25-16		222	60	162	22	Trace	.700	.0321	.1079	7	Bl.	68	30 B.	Coli absent in 10cc
3-14-16		220	34	186	22	None	.600	.0351	.1456	2	Bl.	88	50 B.	Coli absent in 10cc
3-28-16	Clear	220	30	190	22	Trace	0.900	.0442	.0884	1	Bl.	100	16 B.	Coli present in 10cc
4-19-16	Clear	237	52	185	24	Trace	Trace	.0133	.0960	4	B.	46	10 B.	Coli present in 10cc
5-4-16		239	50	189	23	Trace	Trace	.0390	.0533	2	B.	38	20 B.	Coli present in 10cc
5-25-16												12	30 B.	Coli present in 10cc
6-6-16												40	100 B.	Coli absent in 10cc
6-20-16														
7-14-15	Turbid	204	36	168	26	None	Trace	.0346	.1596	3	Bl.	300	120 B.	Coli absent in 10cc
7-28-15		145	36	109	27	Trace	None	.008	.132	2	Bl.	1000	400 B.	Coli present in 10cc
8-28-15	Clear	146	50	96	29	None	Trace	.0013	.1235	4	Bl.	640	75 B.	Coli absent in 10cc
9-27-15	Turbid	190	36	154	26	.002	None	.0104	.1586	3	Bl.	250	100 B.	Coli absent in 10cc
10-29-15	Clear	139	20	119	26	Trace	None	.0702	.1651	2	Bl.	240	120 B.	Coli present in 10cc
11-23-15	Clear	134	14	120	26	.001	None	.0117	.1885	2	Bl.	48	180 B.	Coli present in 5cc
12-22-15	Turbid	148	18	130	25	.0005	None	.013	.1495	3	Bl.	32	20 B.	Coli absent in 10cc
1-14-16	Turbid	201	52	149	23	Trace	.200	.0455	.0806	3	B.	30	80 B.	Coli present in 10cc
2-7-16	Turbid	227	48	179	21	Trace	1.28	.0585	.1066	2	B. S.	800	68 B.	Coli present in 5cc
2-23-16		231	25	206	32	Trace	Trace	.0182	.0442	1	Bl.	1000	20 B.	Coli absent in 10cc
3-13-16	Turbid	233	25	508	22	Trace	Trace	.0630	.1130	1	Bl.	150	50 B.	Coli absent in 10cc
3-27-16	Turbid	225	20	505	21	Trace	Trace	.0039	.1716	1	Bl.	200	24 B.	Coli present in 10cc
4-17-16	Turbid	218	28	190	22	Trace	Trace	.0440	.1480	1	B.	26	14 B.	Coli absent in 10cc
5-3-16	Slightly turbid	146	33	13	23	None	Trace	.0611	.3252	3	B.	160	50 B.	Coli present in 10cc
5-25-16	Turbid											75	40 B.	Coli absent in 10cc
6-5-16												18	20 B.	Coli absent in 10cc
6-19-16	Turbid yellowish	149	43	106	23	Trace	Trace	.0053	.1266	3	B.	240	300 B.	Coli absent in 10cc

TABLE 19—Continued
 SPRING VALLEY WATER COMPANY—FRANCISCO STREET RESERVOIR—FISCAL YEAR 1915-1916.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37°.....	REMARKS.
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....					
7-14-15	Clear	204	52	152	32	Trace	Trace	.0133	.1675	2	Bl.	860	700	Coli present in 1cc
7-29-15	Clear	212	27	185	30	Trace	Trace	.036	.240	3	Bl.	100	60	Coli present in 5cc
8-25-15	Clear	193	58	135	36	.001	.600	.0013	.1586	2	Bl.	250	200	Coli present in 1cc
9-29-15	Clear	291	48	243	24	.002	.700	.0572	.1456	1	B. S.	620	500	Coli present in 10cc
10-25-15	Clear	301	31	270	27	.001	.500	.091	.182	1	N. B.	500	60	Coli present in 10cc
11-24-15	Clear	302	37	265	26	.001	.900	.0364	.0975	1	N. B.	480	50	Coli absent in 10cc
12-22-15	Clear	300	70	230	26	.0005	.400	.0312	.1001	1	N. B.	20	46	Coli absent in 10cc
1-14-16	Turbid	242	61	181	22	None	.600	.0130	.1326	3	Bl.	210	140	Coli present in 5cc
2-8-16	Turbid	210	68	164	22	None	.500	.0455	.0806	2	Bl.	1000	100	Coli present in 10cc
2-25-16	Clear	218	68	150	23	Trace	Trace	.0481	.1222	3	Bl.	800	130	Coli absent in 10cc
3-14-16	Clear	215	47	168	22	None	.400	.0390	.0650	3	Bl.	200	24	Coli present in 10cc
3-28-16	Turbid	235	35	200	22	Trace	11.300	.0091	.1170	1	B.	800	200	Coli absent in 10cc
4-19-16	Clear	225	33	192	24	Trace	Trace	.0080	.1586	2	B.	76	30	Coli present in 10cc
5-1-16	Clear	273	38	235	23	Trace	Trace	.0520	.1691	2	B.	2400	1000	Coli present in 10cc
5-25-16	Clear	273	38	235	23	Trace	Trace	.0520	.1691	2	B.	500	150	Coli present in 10cc
6-1-16	Clear	273	38	235	23	Trace	Trace	.0520	.1691	2	B.	12	20	Coli absent in 10cc
6-20-16	Clear	273	38	235	23	Trace	Trace	.0520	.1691	2	B.	150	18	Coli absent in 10cc

SPRING VALLEY WATER CO.—LOMBARD ST. RESERVOIR—FISCAL YEAR 1915-1916.

7-14-15	Clear	192	45	147	32	Trace	Trace	.0106	.0878	2	Bl.	300	110	Coli present in 10cc
7-29-15	Clear	183	30	153	32	Trace	Trace	.056	.108	3	Bl.	360	400	Coli present in 5cc
8-23-15	Clear	284	59	225	36	.002	None	.0143	.1365	6	Bl.	360	200	Coli present in 1cc
9-29-15	Clear	202	36	166	37	Trace	Trace	.0321	.1495	2	Bl.	11500	2400	Coli present in 5cc
10-23-15	Clear	204	20	184	35	.001	None	.1885	.1950	2	B. S.	1000	600	Coli present in 5cc

SPRING VALLEY WATER CO.—POTRERO HEIGHTS—FISCAL YEAR 1915-1916.

11-24-15	Clear	212	28	184	38	.002	None	.0494	.1625	2	Bl.	640	24 B.	Coli absent in 10cc
1-22-15	Turbid	217	54	163	28	.0005	Trace	.0585	.0767	2	Bl.	380	30 B.	Coli present in 10cc
1-14-16	Clear	260	57	203	23	None	.250	.0108	.1820	3	Bl.	1000	80 B.	Coli present in 10cc
2-8-16	Turbid	226	45	181	27	Trace	.500	.0520	.1846	2	Bl.	700	40 B.	Coli present in 10cc
2-25-16	Clear	214	80	134	27	Trace	Trace	.0130	.0910	2	Bl.	600	26 B.	Coli present in 10cc
3-11-16	Clear	210	33	175	22	None	.600	.0160	.0372	2	Bl.	160	100 B.	Coli absent in 10cc
3-28-16	Clear	223	26	199	22	None	Trace	.0078	.1391	1	Bl.	660	500 B.	Coli absent in 10cc
4-19-16	Clear	222	33	189	24	None	Trace	.0120	.1433	2	B.	58	40 B.	Coli absent in 10cc
5-4-16	Turbid	203	43	160	28	None	Trace	.0195	.1495	3	B.	12	20 B.	Coli present in 10cc
5-25-16												250	50 B.	Coli present in 10cc
6-7-16												20	20 B.	Coli absent in 10cc
6-20-16												250	30 B.	Coli absent in 10cc

7-14-15	Clear	277	36	241	26	Trace	.130	.0519	.1144	2	Bl.	400	600 B.	Coli absent in 10cc
7-28-15	Clear	298	43	255	27	.002	.400	.016	.102	1	N. B.	400	1000 B.	Coli present in 1cc
8-25-15	Clear	285	60	225	31	.002	Trace	.028	.065	2	B. 8.	200	120 B.	Coli present in 1cc
9-27-15	Turbid	305	74	231	23	.001	.800	.0052	.2083	2	Bl.	340	150 B.	Coli present in 10cc
10-25-15	Clear	298	43	255	26	.001	.600	.1755	.338	1	N. B.	800	1200 B.	Coli present in 10cc
11-23-15	Clear	248	78	170	29.5	.001	.500	.0338	.0260	1	Bl.	78	60 B.	Coli present in 10cc
12-22-15	Turbid	291	30	261	24.5	.0005	.600	.0091	.1255	2	N. B.	80	50 B.	Coli present in 5cc
1-14-16	Turbid	217	58	159	20	Trace	.400	.0155	.1169	3	B.	1000	30 B.	Coli present in 5cc
2-7-16	Turbid, bad color	256	68	188	22	None	.88	.0351	.1321	2	B.	50	24 B.	Coli present in 10cc
2-23-16	Clear	234	32	202	22	Trace	.350	.0516	.1349	1	Bl.	100	30 B.	Coli absent in 10cc
3-15-16	Clear	205	40	165	22	Trace	Trace	.0325	.1066	2	Bl.	120	80 B.	Coli absent in 10cc
3-27-16	Turbid	225	35	180	22	.001	Trace	.0156	.1765	2	Bl.	7000	15000 B.	Coli present in 10cc
4-17-16	Clear	210	30	180	22	.001	Trace	.0133	.1533	2	B.	58	40 B.	Coli absent in 10cc
5-5-16	Turbid	271	51	220	22	Trace	0.5	.0460	.1365	4	B.	300	800 B.	Coli absent in 10cc
5-25-16												6000	480 B.	Coli present in 5cc
6-5-16												240	160 B.	Coli present in 10cc
6-19-16	Turbid, yellow	274	57	217	21	Trace	Trace	.0093	.1000	2	B.	1500	20 B.	Coli absent in 10cc

TABLE 19—Continued
 SPRING VALLEY WATER CO.—PRESIDIO HEIGHTS—FISCAL YEAR 1915-1916.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37°.....	REMARKS.
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....					
7-14-15	Clear	277	43	234	26	Trace	180	.0080	.0798	2	Bl.	250	60 B.	Coli present in 5cc
7-29-15	Clear	289	42	247	35	Trace	.500	.010	.060	1	Bl.	120	100 B.	Coli present in 5cc
8-25-15	Clear	306	63	243	28	Trace	.600	.0312	.0598	5	B.	5700	600 B.	Coli absent in 10cc
9-29-15	Clear	293	49	244	25	Trace	.900	.0481	.11310	1	N. B.	520	240 B.	Coli present in 10cc
10-25-15	Clear	297	41	256	25	None	.700	.0455	.0975	1	N. B.	190	80 B.	Coli absent in 10cc
11-24-15	Clear	312	40	272	25	.001	.600	.0117	.0364	1	N. B.	56000 B.	800 B.	Coli absent in 10cc
12-22-15	Turbid	300	47	253	24	.0005	.800	.0325	.0676	1	Bl.	200	60 B.	Coli present in 10cc
1-14-16	Turbid	288	45	243	26	Trace	.780	.0260	.0702	1	Bl.	450	300 B.	Coli present in 10cc
2-8-16	Turbid	230	42	188	21	Trace	.700	.0169	.1066	2	B.	200	50 B.	Coli present in 10cc
2-15-16	Clear	235	55	180	20	.0003	.600	.0117	.0637	1	Bl.	100	100 B.	Coli absent in 10cc
3-28-16	Turbid	210	31	179	22	None	.600	.0195	.1651	2	Bl.	600	800 B.	Coli present in 10cc
4-19-16	Clear	235	35	200	23	None	Trace	.0240	.0973	1	B.	72	40 B.	Coli present in 10cc
5-25-16	Clear	262	47	215	21	Trace	Trace	.0650	.1040	1		75	30 B.	Coli present in 10cc
6-6-16												22	12 B.	Coli absent in 10cc
6-20-16												100	26 B.	Coli absent in 10cc

UNIVERSITY MOUND RESERVOIR—FISCAL YEAR 1915-1916.

7-14-15		281	31	250	24	.0004	.180	.0532	.1250	3	Bl.	5000	3200 B.	Coli absent in 10cc
7-28-15	Turbid	300	46	254	22	.014	.510	.050	.200	9	N. B.	640	360 B.	Coli present in 10cc
8-28-15	Clear	316	35	281	28	Trace	.475	.0065	.0338	1	B. S.	40	300 B.	Coli absent in 10cc
9-27-15	Turbid	299	56	243	22	.004	1.500	.0377	.0962	1	B. S.	140	86 B.	Coli absent in 10cc
10-28-15	Clear	267	34	233	24	Trace	Trace	.0091	.1066	1	N. B.	300	70 B.	Coli present in 10cc

SPRING VALLEY WATER CO.—LAKE HONDA—FISCAL YEAR 1915-1916.

11-23-15	294	28	266	25	.0005	.700	.0377	.0299	1	N. B.	160	20 B.	Coli absent in 10cc
12-22-15	280	36	244	23	.0005	.300	.0169	.0962	1	Bl. Sl.	100	20 B.	Coli present in 1cc
1-14-16	215	57	158	21	Trace	.400	.0494	.1781	2	Bl.	160	50 B.	Coli present in 1cc
2-7-16	226	60	176	20	None	.700	.0208	.1107	1	Bl. S.	300	12 B.	Coli present in 10cc
2-24-16	222	35	187	60	Trace	.400	.0013	.0780	2	Bl. Sl.	60	10 B.	Coli present in 10cc
3-13-16	233	30	203	22	Trace	Trace	.0364	.0760	2	Bl.	2000	600 B.	Coli present in 10cc
3-27-16	237	32	205	22	.001	Trace	.0052	.1131	2	Bl.	400	20 B.	Coli absent in 10cc
4-17-16	233	31	182	22	.001	Trace	.0080	.1100	2	B.	72	50 B.	Coli present in 10cc
5-3-16	284	49	235	21	Trace	1.100	.0052	.0481	2	B.	100	75 B.	Coli present in 10cc
5-25-16											100	30 B.	Coli present in 10cc
6-5-16											100	30 B.	Coli present in 10cc
6-19-16	271	59	212	22	Trace	None	.0310	.1133	1	B.	1000	600 B.	Coli present in 5cc

7-15-15	182	24	158	35	.004	Trace	.0286	.078	2	Bl.	100	40 B.	Coli absent in 10cc
7-28-15	171	39	132	31	.001	None	.012	.158	4	Bl.	400	1200 B.	Coli present in 10cc
8-26-15	204	48	156	35	.002	None	.0065	.078	2	Bl.	240	200 B.	Coli absent in 10cc
9-27-15	187	46	141	38	.001	None	.0377	.2477	3	Bl.	4200	1000 B.	Coli absent in 10cc
10-27-15	196	30	166	39	Trace	None	.0455	.1625	3	Bl.	15000	5000 B.	Coli present in 10cc
11-23-15	179	27	152	38	.002	Trace	.0195	.0117	2	Bl.	120	50 B.	Coli absent in 10cc
12-22-15	179	30	149	36	.0005	None	.0307	.1430	2	Bl.	100	20 B.	Coli present in 5cc
1-14-16	258	70	183	27	.0005	.050	.0103	.1144	4	Bl.	1000	230 B.	Coli present in 1cc
2-8-16	257	47	210	23	Trace	.400	.0234	.1703	2	Bl.	150	60 B.	Coli present in 5cc
2-23-16	232	36	196	23	Trace	Trace	.0156	.1235	7	Bl.	32	20 B.	Coli absent in 10cc
3-13-16	240	30	210	21	Trace	Trace	.0390	.1560	1	Bl.	150	60 B.	Coli absent in 10cc
3-27-16	213	30	183	22	Trace	Trace	.0065	.1255	2	Bl.	1000	50 B.	Coli absent in 10cc
4-17-16	171	48	123	30	None	Trace	.0093	.0921	2	B.	52	26 B.	Coli absent in 10cc
5-3-16							.0221	.1131	4		200	150 B.	Coli present in 1cc
5-25-16											1500	75 B.	Coli present in 1cc
6-5-16											28	10 B.	Coli present in 10cc
6-21-16											120	50 B.	Coli absent in 10cc

TABLE 19—Continued
 SPRING VALLEY WATER CO.—NORTH LAKE MERCED—FISCAL YEAR 1915-1916.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37°.....	REMARKS,
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia...					
7-15-15	Turbid	275	92	183	67	Trace	None	.050	.215	3	Bl.	400	150 B.	Coli absent in 10cc
7-28-15	Clear	274	53	221	70	.0005	None	.052	.212	4	Bl.	640	365 B.	Coli absent in 10cc
8-28-15	Turbid	273	58	215	70	None	None	*	*	5	Bl.	240	75 B.	Coli absent in 10cc
9-27-15	Turbid	266	57	209	66	Trace	None	.0260	.2470	4	Bl.	3000	500 B.	Coli absent in 10cc
10-25-15	Turbid	297	43	254	68	.004	Trace	.0273	.351	3	Bl.	540	200 B.	Coli present in 10cc
11-23-15	Turbid, yellow	297	43	254	95	.5	Trace	.1313	.5174	3	Bl.	260	140 B.	Coli present in 5cc
12-23-15	Turbid	304	52	252	65	Trace	None	.1014	.4615	4	Bl.	20	25 B.	Coli present in 10cc
1-14-16	Turbid	268	80	188	63	.0005	None	.1066	.4680	4	Bl.	200	140 B.	Coli absent in 10cc
2-24-16	Turbid, yellow	253	37	214	49	Trace	Trace	.0235	.3471	3	Bl.	3000	250 B.	Coli absent in 10cc
3-13-16	Yellowish	258	46	212	58	None	None	.0234	.4511	4	Bl.	2000	280 B.	Coli absent in 10cc
3-27-16	Yellowish	275	45	230	60	.001	None	.0234	.4485	4	Bl.	120	80 B.	Coli absent in 10cc
4-17-16	Clear	264	55	209	59	.001	None	.1586	.3080	4	B.	84	70 B.	Coli present in 10cc
5-3-16	Turbid	264	40	224	57	.001	Trace	.1105	.3640	4	B.	1000	200 B.	Coli present in 10cc
5-25-16												360	140 B.	Coli absent in 10cc
6-7-16												52	30 B.	Coli absent in 10cc
6-19-16	Turbid, yellow	288	70	218	64	None	Trace	.0253	.3400	5	B.	600	100 B.	Coli present in 10cc

* Insufficient sample for est. ammonia.

SPRING VALLEY WATER CO.—SOUTH LAKE MERCED—FISCAL YEAR 1915-1916.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37°.....	REMARKS,
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia...					
7-15-15	Clear	258	49	209	63	Trace	None	.0221	.182	2	Bl.	500	300 B.	Coli absent in 10cc
7-28-15	Clear	256	49	207	65	Trace	None	.040	.198	8	Bl.	600	240 B.	Coli present in 10cc
8-28-15	Clear	271	55	216	71	None	Trace	.0468	.2145	7	Bl.	2500	240 B.	Coli absent in 10cc
9-27-15	Clear	248	56	192	62	Trace	Trace	.078	.2548	3	Bl.	360	400 B.	Coli present in 1cc
10-25-15	Turbid	293	50	243	62	None	Trace	.0299	.299	4	Bl.	1000	250 B.	Coli present in 10cc

MUNICIPAL WATER WELL (OR TANK)—FISCAL YEAR 1915-1916.

11-23-15	Turbid, yellow	287	53	234	67	Trace	Trace	.1287	.5070	3	3	Bl.	54	90 B.	Coli present in 5cc
12-22-15	Turbid	315	90	255	63	Trace	None	.078	.260	3	3	Bl.	58	20 B.	Coli present in 1cc
1-14-16	Turbid	273	73	260	59	Trace	Trace	.1183	.4485	5	5	Bl.	2400	1000 B.	Coli present in 5cc
2-7-16	Turbid, very yel.	238	43	195	71	Trace	Trace	.1183	.5655	8	8	Bl.	160	100 B.	Coli absent in 10cc
2-24-16	Turbid, very yel.	252	47	215	57	None	None	.1143	.1235	3	3	Bl.	1000	60 B.	Coli absent in 10cc
3-13-15	Turbid, very yel.	262	47	215	57	None	None	.1143	.2860	3	3	Bl.	160	100 B.	Coli absent in 10cc
3-27-16	Yellowish	250	36	214	60	None	None	.0078	.3241	4	4	Bl.	1500	68 B.	Coli present in 10cc
4-17-16	Clear	263	49	184	58	Trace	None	.0180	.2426	3	3	B.	48	20 B.	Coli absent in 10cc
5-3-16	Turbid	268	44	224	62	None	Trace	.0195	.3354	4	4	B.	500	130 B.	Coli absent in 10cc
6-7-16													4000	150 B.	Coli present in 10cc
6-19-16	Turbid, yellow	296	67	229	64	None	None	.0366	.5493	6	6	B.	10	50 B.	Coli present in 10cc
													220	100 B.	Coli absent in 10cc

7-15-15	Turbid	278	71	207	49	.080	3.700	.070	.0676	1	1	N. Bl.	100	60 B.	Coli absent in 10cc
8-28-15	Clear	264	54	210	45	.124	6.400	.0793	.0512	0.7	0.7	N. B.	20	200 B.	Coli present in 10cc
9-28-15		334	119	215	43	7.500				1	1	N. B.	300	140 B.	Coli present in 10cc
10-27-15	Clear	290	61	229	42	Trace	3.1900	.0524	.0923	1	1	N. B.	6000	180 B.	Coli absent in 10cc
11-23-15	Clear	272	40	232	42	.001	5.300	.0104	.0481	1	1	N. B.	400	60 B.	Coli absent in 10cc
12-22-15	Clear	300	86	314	42	.001	5.00	.0352	.0050	1	1	Bl. B.	38	10 B.	Coli absent in 10cc
1-14-16		340	91	249	43	Trace	5.00	.1040	.1005	1	1	N. B.	100	30 B.	Coli present in 10cc
2-8-16	Clear	300	90	210	49	Trace	5.700	.0234	.0876	1	1	N. B.	10	8 B.	Coli present in 10cc
2-25-16		300	125	175	44		6.300	.078	.0780	1	1	Bl. S.	6	10 B.	Coli absent in 10cc
3-15-16	Clear	289	74	215	44	.006	5.200	.0052	.0208	1	1	N. B.	300	1000 B.	Coli absent in 10cc
3-29-16	Clear	293	54	237	45	.003	6.800	.0221	.0416	1	1	N. B.	300	40 B.	Coli absent in 10cc
4-18-16	Clear	291	51	240	44	Trace	8.300	.0393	.0440	1	1	N. B.	530	300 B.	Coli absent in 10cc
5-4-16	Clear	287	47	240	43	Trace	6.6	.0132	.0818	1	1	N. B.	50	20 B.	Coli present in 10cc
5-25-16													500	30 B.	Coli absent in 10cc
6-7-16													18	20 B.	Coli absent in 10cc
6-21-16													32	50 B.	Coli absent in 10cc

TABLE 19—Continued
MUNICIPAL WATER RESERVOIR—FISCAL YEAR 1915-1916.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37o.....	REMARKS.
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia..					
7-16-15	Turbid	242	80	162	47	.001	5.000	.0091	.0156	1	B. S.	360	150 B.	Coli absent in 10cc
8-28-15	Clear	253	57	192	48	None	3.800	.0364	.0429	0.5	N. B.	600	60 B.	Coli absent in 10cc
9-28-15	Clear	292	59	233	44	None	5.35	.0364	.0429	0.5	N. B.	500	52 B.	Coli absent in 10cc
10-29-15	Clear	297	84	213	44	None	7.30	.0065	.0507	1	B. S.	500	120 B.	Coli absent in 10cc
11-23-15	Clear	268	28	240	42	.001	4.500	.0390	.0585	1	N. B.	20	4 B.	Coli absent in 10cc
12-22-15	Clear	310	74	236	42	.001	5.300	.0117	.0585	1	N. B.	350	120 B.	Coli absent in 10cc
1-14-16	Clear	323	86	237	43	Trace	5.00	.0360	.0520	1	N. B.	1000	360 B.	Coli present in 1cc
2-9-16	Clear	328	80	248	52	Trace	5.700	.0351	.0650	1	N. B.	36	20 B.	Coli present in 5cc
2-25-16	Clear	292	92	200	44	.001	6.300	.0286	.0780	1	N. B.	10	16 B.	Coli absent in 10cc
3-15-16	Clear	285	65	220	44	.005	4.600	.0221	.0234	1	N. B.	40	200 B.	Coli absent in 10cc
3-29-16	Clear	277	42	235	44	.003	7.100	.0195	.0286	1	N. B.	50	1000 B.	Coli present in 10cc
4-19-16	Clear	300	67	233	43	.0010	7.800	.0266	.1759	1	B.	75	26 B.	Coli absent in 10cc
5-5-16	Clear	283	77	206	43	.010	6.0	.0350	.0845	1	B.	120	30 B.	Coli absent in 10cc
5-25-16	Clear	283	77	206	43	.010	6.0	.0350	.0845	1	B.	50	40 B.	Coli absent in 10cc
6-7-16	Clear	283	77	206	43	.010	6.0	.0350	.0845	1	B.	180	20 B.	Coli absent in 10cc
6-21-15	Clear	283	77	206	43	.010	6.0	.0350	.0845	1	B.	180	20 B.	Coli absent in 10cc

PARK LODGE—FISCAL YEAR 1915-1916.

7-16-15	Clear	411	152	259	45	.002	9.900	.0208	.0754	1	B. S.	130	50 B.	Coli absent in 10cc
7-29-15	Clear	412	147	265	47	.004	9.52	.022	.090	1	Bl. S.	600	50 B.	Coli present in 1cc
8-26-15	Clear	185	35	150	37	Trace	14.500	.0091	.065	2	Bl.	40	48 B.	Coli absent in 10cc
9-29-15	Clear	400	116	284	48	.004	8.900	.0300	.1131	1	N. B.	300	120 B.	Coli present in 1cc
10-27-15	Clear	407	110	297	52	Trace	9.00	.0365	.0481	1	N. B.	1200	50 B.	Coli present in 5cc
11-22-15	Clear	435	91	344	50	.002	8.600	.039	.097	2	N. B.	20	360 B.	Coli present in 1cc

FOUNTAIN, CHILDREN'S PLAYGROUND—FISCAL YEAR 1915-1916.

POUNTAIN, CHILDREN'S PLAYGROUND—FISCAL YEAR 1915-1916.													
		460	154	306	49.5	Trace	11.5	.0429	.0962	1	N. B.	50	6 B. Coli present in 5cc
12-23-15	Turbid	.....	.....	.....	.....	Trace	9.200	.1079	.2431	1	N. B.	130	20 B. Coli present in 5cc
1-14-16	Clear	.....	433	146	287	47	Trace	.0360	.0936	1	B. S.	1000	0 B. Coli absent in 10cc
2-7-16	Clear, fair	.....	454	166	288	47	Trace	.0360	.0936	1	B. S.	60	2 B. Coli absent in 10cc
2-24-16	.....	.....	449	139	310	33	.001	.14.400	.1495	1	N. B.	80	20 B. Coli absent in 10cc
3-14-16	Turbid	.....	472	170	302	49	None	.11.600	.0819	1	N. B.	50	30 B. Coli present in 10cc
3-28-16	Turbid	.....	391	95	296	47	.001	1.600	.1495	1	N. B.	378	0 B. Coli present in 5cc
4-18-16	Clear	.....	415	115	300	48	.0008	.13.100	.0573	1	N. B.	1000	20 B. Coli absent in 10cc
5-3-16	Clear	.....	381	78	303	48	None	.16.1	.0511	1	N. B.	4000	150 B. Coli present in 5cc
5-23-16	.....	.....	.....	.....	.....	.....	.....	.0130	.....	.....	.....	100	60 B. Coli present in 5cc
6-6-16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1000	60 B. Coli absent in 10cc
6-20-16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

		171	36	135	33	.001	.600	.0142	.1183	3	BL	120	50 B. Coli absent in 10cc
7-16-15	Clear	.....	.....	.....	.....	Trace	Trace	.0507	.1391	2	BL	50	40 B. Coli absent in 10cc
8-26-15	Clear	.....	153	37	119	36	Trace	.0247	.1391	2	BL	80	70 B. Coli absent in 10cc
9-29-15	Turbid	.....	199	40	159	37	None	.0143	.1664	2	B.	1000	80 B. Coli absent in 10cc
10-29-15	Clear	.....	182	40	142	38	None	.0728	.1755	3	BL	150	100 B. Coli absent in 10cc
11-22-15	Clear	.....	181	35	146	36	.0015	.0715	.1833	2	BL	1000	700 B. Coli absent in 10cc
12-22-15	Clear	.....	253	16	237	29	Trace	.0169	.1157	2	BL	140	30 B. Coli present in 10cc
1-13-16	Turbid	.....	275	51	224	30	Trace	.0533	.0975	4	BL	450	250 B. Coli present in 10cc
2-7-16	Turbid, bad	.....	235	62	173	33	Trace	.0143	.1300	3	BL S.	100	100 B. Coli present in 10cc
2-24-16	.....	.....	221	28	193	22	Trace	.0156	.0936	2	BL	36	20 B. Coli absent in 10cc
3-14-16	Clear	.....	215	40	175	22	None	.0155	.1235	2	BL	20	14 B. Coli absent in 10cc
3-29-16	.....	.....	220	21	199	22	Trace	.0091	.0637	1	BL	80	50 B. Coli absent in 10cc
4-18-16	Slightly turbid	.....	209	31	178	22	None	.0333	.1146	2	B.	90	40 B. Coli absent in 10cc
5-23-16	Clear	.....	175	35	140	32	.0005	.1170	.1820	3	B.	68	100 B. Coli absent in 10cc
6-6-16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110	80 B. Coli absent in 10cc
6-20-16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	10 B. Coli absent in 10cc
												150	48 B. Coli absent in 10cc

TABLE 19—Continued
STADIUM—FISCAL YEAR 1915-1916.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37o.....	REMARKS.
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia...					
7-15-15	Turbid	423	95	338	79	.006	1.300	.0546	.2262	4	Bl.	200	40 B.	Coli absent in 10cc
7-29-15	Clear	422	83	339	77	Trace	1.300	.046	.260	3	Bl.	50	40 B.	Coli present in 5cc
8-26-15	Clear	243	100	143	69	.264	1.05	.0988	.546	7	Bl.	100	220 B.	Coli absent in 10cc
9-29-15	Turbid	429	180	349	75	.140	300	.0429	.1586	2	B. S.	320	100 B.	Coli absent in 10cc
10-29-15	Clear	378	101	277	65	None	1.100	.1001	.0780	1	B. S.	300	300 B.	Coli absent in 10cc
11-22-15	Turbid	380	98	282	68	.0005	None	.0429	.0938	2	Bl.	3000	1500 B.	Coli absent in 10cc
12-22-15	Turbid	397	110	287	70	Trace	Trace	.1300	.1235	2	Bl.	6	10 B.	Coli absent in 10cc
1-13-16	Clear	402	112	290	72	None	Trace	.2300	.1196	3	Bl.	4	100 B.	Coli present in 10cc
2-24-16	Clear	378	86	292	72	None	None	.312	.182	2	Bl.	800	100 B.	Coli present in 10cc
2-24-16	Turbid, yellowish	381	85	296	58	Trace	None	.3280	.130	2	Bl.	50	30 B.	Coli absent in 10cc
3-13-16	Turbid	289	64	225	53	None	None	.559	.221	3	Bl.	60	40 B.	Coli absent in 10cc
4-18-16	Clear	240	61	179	37	.002	Trace	.0466	.3666	3	B.	16	10 B.	Coli present in 10cc
5-4-16	Clear	410	95	315	75	None	Trace	.0520	.1430	2	B.	82	30 B.	Coli present in 10cc
5-23-16	Clear	426	86	340	81	None	Trace					2000	40 B.	Coli absent in 10cc
8-23-16												32	2000 B.	Coli absent in 10cc
6-5-16												200	80 B.	Coli absent in 10cc
6-20-16														

PUMP STATION—FISCAL YEAR 1915-1916.

7-16-15	Turbid	456	165	291	50	.010	9.900	.0026	.0702	1	N. B.	5000	2400 B.	Coli present in 5cc
7-29-15	Clear	402	161	241	49	.004	11.460	.018	.012	1	Bl. Sl.	400	240 B.	Coli present in 1cc
8-26-15	Clear	450	97	353	55	.004	.090	.0117	.0351	1	N. B.	100	100 B.	Coli present in 1cc
9-29-15	Clear	389	91	298	49	.008	9.700	.052	.0845	4	N. B.	1200	100 B.	Coli present in 10cc
10-29-15	Clear	443	131	312	49	Trace	12.00	.0325	.1690	1	N. B.	350	300 B.	Coli absent in 10cc

DUTCH WINDMILL—FISCAL YEAR 1915-1916.

DUTCH WINDMILL.—FISCAL YEAR 1915-1916.														
		467	127	340	49	.002	10,400	.0101	.0621	1	N. B.	300	180 B.	Coli present in 10cc
11-22-15	Clear	496	148	348	49.5	Trace	11,000	.0390	.0715	1	N. B.	36	20 B.	Coli present in 10cc
12-22-15	Clear	506	170	336	56	Trace	10,700	.0416	.1001	1	N. B.	5000	700 B.	Coli present in 10cc
1-13-16	Clear	466	107	359	50	.010	14,500	.0361	.091	1	N. B.	300	20 B.	Coli present in 10cc
2-8-16	Turbid	501	181	320	47	.001	13,900	.0069	.1534	1	Bl. S.	260	60 B.	Coli absent in 10cc
2-24-16	Clear	471	180	291	48	.005	10,700	.0039	.1430	1	N. B.	1000	180 B.	Coli absent in 10cc
3-14-16	Clear	393	77	316	47	.003	11,900	.0221	.1014	1	N. B.	2000	300 B.	Coli absent in 10cc
3-28-16	Clear	392	98	294	47	Trace	11,900	.0213	.0626	1	N. B.	148	100 B.	Coli present in 10cc
4-18-16	Clear	446	139	307	51	Trace	12,900	.0143	.1235	1	N. B.	30	12 B.	Coli present in 10cc
5-23-16											*	180 B.	Coli absent in 10cc	
6-6-16												50	20 B.	Coli absent in 10cc
6-20-16												70	50 B.	Coli absent in 10cc
* Spread.														
		424	132	292	68	.024	2,400	.0195	.832	1	Bl.	80000	12000 B.	Coli present in 10cc
7-15-15	Turbid	363	99	264	60	.024	1,600	.037	.440	5	Bl.	1500	1300 B.	Coli present in 10cc
7-29-15	Clear	355	85	270	58	.020	1,400	.0104	.624	7	Bl.	3200	1000 B.	Coli present in 10cc
8-26-15	Turbid,	455	199	254	57	.024	1,600	1,378	.1729	7	Bl.	10000	4000 B.	Coli present in 10cc
9-29-15	Clear	376	93	283	69	None	None	.0168	.143	1	Bl.	200	150 B.	Coli absent in 10cc
10-29-15	Clear	381	79	305	65	.002	.600	.1885	.3159	2	Bl.	2000	300 B.	Coli absent in 10cc
11-22-15		395	40	355	67	Trace	1,000	.0871	.1911	2	Bl.	38	60 B.	Coli absent in 10cc
12-22-15		464	109	355	75	Trace	1,600	.0208	.1469	2	Bl.	50	42 B.	Coli absent in 10cc
1-13-16	Clear	439	66	373	77	Trace	1,500	Trace	.1178	2	N. B.	70	20 B.	Coli absent in 10cc
2-8-16		434	82	372	79	Trace	1,650	.0585	.234	3	Bl.	100	12 B.	Coli absent in 10cc
2-23-16		472	68	404	84	None	1,400	.0078	.2769	2	N. B.	400	50 B.	Coli absent in 10cc
3-13-16	Clear	475	58	417	84	.001	1,030	.0520	.1911	4	Bl.	700	50 B.	Coli absent in 10cc
3-28-16		372	65	307	67	.0016	1,500	.0313	.1746	3	B.	61	20 B.	Coli absent in 10cc
4-18-16	Clear	461	100	367	74	.001	4,700	.0585	.1690	3	B.	88	70 B.	Coli absent in 10cc
5-4-16												600	200 B.	Coli absent in 10cc
5-23-16												160	50 B.	Coli absent in 10cc
6-5-16												300	40 B.	Coli absent in 10cc
6-20-16														

* Spread.

TABLE 20
ANNUAL REPORT—DIVISION MARKET INSPECTION
INSPECTIONS

	Total	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Abattoirs	4401	368	361	371	509	351	377	388	332	410	380	402	352
Markets	9409	758	493	841	624	624	928	1068	1144	643	725	684	962
Wharves	5435	510	426	452	521	439	411	359	420	512	476	439	470
Railroad Depots	641	52	48	52	60	48	53	47	50	56	50	50	75
Commission Houses	1913	128	130	111	107	262	331	141	118	165	144	131	175
Chinatown	1557	140	165	135	150	105	100	112	105	110	120	90	165
Total	23356	1926	1623	1965	1771	1702	2200	2145	2208	1926	1895	1796	2199
Fish (lbs.)	8335000	930000	775000	960000	950000	670000	526000	353000	509000	403000	700000	585000	965000
Beesves	78960	5931	7018	6902	6923	7120	6718	6151	6313	6307	5928	5598	6519
Calves	68628	3552	4278	4611	3438	5730	5512	5673	6112	6826	5618	5431	5654
Hogs	11607	11443	12511	12136	11873	13752	13191	11595	10110	10402	10151	11456	10339
Sheep	111766	10736	10546	9934	11303	14558	11865	12849	11729	14779	9919	12086	10775
Lambs	33788	31683	37785	40357	38921	33144	26889	30632	28823	29321	32659	34816	30666
Poultry	3916996	295350	310270	372000	281550	749001	441601	203800	239850	197350	252475	273821	413325
Total	3108145	1198719	1158781	1411283	1306214	1493315	1033380	622690	812269	671785	1022410	928211	1447988

TABLE 20—Continued.

CONDEMNATIONS AND SEIZURES

	Total	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Fish (lbs.)	108092	19215	50	10470	12275	12361	3180	5775	4396	5008	11185	9810	23155
Beef (lbs.)	71864	5983	6526	6640	3781	15455	11	2384	2255	99	4507	11009	5136
Calves	4463	11	16	31	9	3	11	83	104	41	41	161	22
Sheep	910	98	46	88	107	35	128	93	40	30	42	72	71
Lambs	51	16	3	3	3	2	2	2	11	2	3	4	5
Hogs	770	101	59	40	40	45	106	59	60	53	59	77	68
Beef Heads	660	42	99	86	61	37	37	20	32	32	34	57	77
Calves Heads	450	448	448	423	399	1	474	464	353	379	366	627	535
Hog Heads	8631	750	3118	3310	3373	413	4139	4133	3717	4061	4095	4716	4411
Livers	43981	4179	4	2	2	3817	3	3	1	78	8	28	57
Beef Tongues	185	156	2561	2	2	2	35	3	3	8	8	71	74
Hearts	4172	74	74	514	702	888	283	870	1665	50	233	423	621
Pork (lbs.)	7053	407	704	4	6	45	158	790	653	449	666	591	17
Chickens	939	454	704	242	232	150	29	22	91	20	1	13	158
Turkeys	2968	454	704	242	232	150	29	11	91	174	1	32	24
Hare	136	136	15	15	8	14	5	8	30	28	4	32	24
Ducks	136	136	15	15	8	14	5	8	30	28	4	32	24
Geese	136	136	15	15	8	14	5	8	30	28	4	32	24
Total	2519734	31253	14004	21865	21058	33349	8583	14720	13408	10463	21249	275464	34465

TABLE 20—Continued.

ANNUAL REPORT DIVISION OF MARKET INSPECTION.

CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs	Goats
1915								
July.....	{ Butchertown...	60509	5931	842	10731	31660	11343	2
	{ Outside.....	18727	2504	3199	4882	6712	1430	
	{ Total.....	79236	8435	4041	15613	38372	12773	2
August.....	{ Butchertown...	69950	7648	1016	10956	37785	12545	
	{ Outside.....	18141	2874	3480	1133	9481	1173	
	{ Total.....	88091	10522	4496	12089	47266	13718	
September..	{ Butchertown..	70059	6962	668	9954	40587	11888	
	{ Outside.....	18871	2524	4626	1133	9481	1107	
	{ Total.....	88930	9486	5294	11087	50068	12995	
October.....	{ Butchertown..	72136	6923	2848	11509	38921	11834	101
	{ Outside.....	17587	2345	3011	1687	9012	1532	
	{ Total.....	89723	9268	5859	13196	47933	13366	101
November..	{ Butchertown..	68823	7120	658	14558	33144	13343	
	{ Outside.....	16474	2215	5444	2104	4893	1818	
	{ Total.....	85297	9335	6102	16662	38037	15161	
December..	{ Butchertown..	60531	6718	453	11866	26689	14805	
	{ Outside.....	20778	2467	5231	5539	5014	2527	
	{ Total.....	81309	9185	5684	17405	31703	17332	
1916								
January.....	{ Butchertown...	64378	6151	3079	12849	30692	11488	119
	{ Outside.....	12975	2032	2699	2200	3987	2057	
	{ Total.....	77353	8183	5778	15049	34679	13545	119
February...	{ Butchertown...	55684	6306	223	11729	27048	10378	
	{ Outside.....	18990	1863	6113	2710	6536	1768	
	{ Total.....	74674	8169	6336	14439	33584	12146	
March.....	{ Butchertown...	61296	6507	394	16007	26914	11469	5
	{ Outside.....	19768	2118	6589	2739	6092	2230	
	{ Total.....	81064	8625	6983	18746	33006	13699	5
April.....	{ Butchertown...	59204	5928	602	9946	32661	10067	
	{ Outside.....	15914	1710	5332	2283	5125	1338	66
	{ Total.....	75118	7638	5994	12229	37786	11405	66
May.....	{ Butchertown...	65510	5598	1630	12086	34794	11402	
	{ Outside.....	14342	1610	4138	2006	5245	1339	4
	{ Total.....	19852	7208	5768	14092	40039	12741	4
June.....	{ Butchertown...	61032	6549	2705	10773	30666	10337	2
	{ Outside.....	12326	1690	2736	1443	5029	1428	
	{ Total.....	73358	8239	5441	12216	35695	11765	2
Totals:	{ Butchertown...	769112	78341	15118	142964	391561	140899	229
	{ Outside.....	204893	25952	52658	29859	76607	19747	70
	{ Total.....	974005	104293	67776	172823	468168	160646	299

TABLE 21.

ANNUAL REPORT, DIVISION OF SANTARY INSPECTION.

NUISANCES	Totals	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Complaints unabated at last report	38	1	1		3	4	8	4	2	5	2	5	3
Complaints filed during month	186	10	14	24	31	26	10	12	12	10	13	11	13
Total	224	11	15	24	34	30	18	16	14	15	15	16	16
Complaints abated	151	9	11	15	21	16	12	12	7	12	10	12	14
No cause	13		2			3	2	1	1	1	1	1	
Referred to other departments	19	1	2	6	4	3	1	1	1				
Unabated	39	1	2	3	4	8	4	2	5	2	5	3	2
Total	222	11	15	24	31	30	18	16	14	15	16	16	16
Number of first inspections	192	11	14	24	31	26	16	9	10	11	13	12	15
Number of re-inspections	5207	431	374	412	381	329	504	504	417	449	515	510	381
Special inspections	4127	332	290	296	283	365	340	331	384	461	337	365	333
Communicable Diseases	6476	239	191	215	313	466	426	674	888	1232	606	742	424
Total number of inspections	16002	1013	869	947	1018	1186	1286	1518	1699	2153	1531	1629	1153

TABLE 22.

DIVISION OF INDUSTRIAL INSPECTION.

Class of Premises Inspected	Total inspections	Inspections made on sanitary premises	Premises found insanitary	Insanitary Premises Reinspected	Referred to other Departments	First notices.	Last notices	Abated
Bakeries	1427	602	825		147	825	24	141
Bath Houses	33	26	7		11	1	2	5
Candy Factories	498	123	375		340	11	18	36
Cigar Factories	66	58	8			4	3	5
Dry Goods and General Merchandise Stores	179	100	79				59	74
Garment and Shoe Factories	171	115	56		1	43	12	45
Laundries	938	664	274		183	24	12	49
Meat Markets	266	102	164		147	7	2	28
Nickelodeons	668	621	47			41		27
Printing and Bookbinding Shops	51	25	26			26	11	25
Restaurants	47	14	33		8	5	5	9
Tailor Shops	78	30	48			48	31	41
Maternity Hospitals	17	17						
Midwives	22	22						
Institutions	7							
Work Shops	38	26	12					
Miscellaneous	859	412	447		171	183	25	133
Insanitary Homes Visited	101		101					
Homes for Children	362	327	35		5	10	3	11
Scavenger Wagons, Swill Wagons, Manure Wagons	442							
Totals	6270	3291	2537	668	1013	1233	198	632

TABLE 23

DIVISION OF HOUSING INSPECTION, FISCAL YEAR 1915-1916

INSPECTIONS.

Tenement Houses—

New Buildings:

First Inspections 367

Reinspections 914

Old Buildings:

First Inspections 261

Reinspections 176

Total 1,518

Flats and Houses 256

Co-inspections 19

Hotels and Lodging Houses—

New Buildings:

First Inspections 27

Reinspections 50

Old Buildings:

First Inspections 255

Reinspections 739

Total 1,771

Business Visits 374

Grand Total 3,938

VIOLATIONS.

	Discovered		Abated		Unabated	
	New	Old	New	Old	New	Old
Cellars	5	38	5	37		1
Basements	16	35	16	23		12
Yards	3	41	3	38		3
Passages	6	11	6	10		1
Courts	6	55	6	46		9
Vent Shafts	15		15			
Stairs	7	4	7	2		2
Public Halls		1		1		
Rooms	4	538	2	342		198
Windows		48		48		
Skylights		31		24		7
Roofs		19		19		
Fire Escapes	7	8	7	8		
Sinks	85	184	85	149		35
Toilets	26	261	26	256		5
Baths		47		47		
Garbage Disposal	4	31	4	30		1
Sanitation		145		145		
Closets	11		11			
Occupied without permit.....	22	70	18	70	4	
Total	217	1,567	211	1,295	4	274

TABLE 23—Continued

SANITATION STATEMENT.

Structural—

Recommended for Condemnation.....	8
Tenement Houses Condemned.....	4
Buildings Demolished	8
Buildings Remodeled	6
Permits of Occupancy Issued.....	283
Permits of Occupancy Renewed.....	47

Plans—

Inspected and Approved (New).....	76
Inspected and Approved (Old).....	5
Rejected	4
Total	85

Arrests—

Arrested During Year	1
Favorable Court Action	1
Complaints received	48

TABLE 24
DIVISION OF PLUMBING INSPECTION.

	Totals	1915					1916						
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspection Construction.													
In Construction	3857	328	276	396	391	352	338	230	313	333	353	302	245
On Completion	2062	160	143	213	187	208	212	168	182	159	166	174	140
On Work Granted by Permit	2854	132	117	184	173	217	216	237	279	345	380	271	303
Reinspections.....	5127	270	314	410	358	446	446	451	439	555	543	441	424
Total	13900	890	880	1203	1109	1223	1212	1086	1163	1392	1442	1188	1112
Sewers.													
Inspected	3850	328	276	396	391	352	338	214	313	323	378	315	266
Cast Iron (feet)	364152	33280	29670	36780	34400	31190	25470	22570	27300	27040	31021	29880	32441
Iron Stone (feet)	135734	12520	12730	12500	10820	10830	11381	8210	9841	10640	12282	11971	11549
Curb Traps	2373	155	163	217	246	246	207	185	149	232	228	166	179
Nuisances.													
First Inspection	1726	124	126	176	151	131	129	133	149	158	188	126	135
Reinspection	2073	165	232	238	274	210	282	230	201	303	285	240	313
Total	4699	289	358	414	425	341	411	363	350	461	473	366	448
Unabated at Last Report.													
Received During Month.....	1506	97	82	72	132	137	102	106	116	156	147	178	181
	1824	137	134	191	160	147	131	142	147	172	190	135	135
Total	3330	234	216	263	292	284	236	248	263	328	337	313	316
Abated													
Abated	1601	138	131	122	146	123	124	124	110	168	153	126	136
Referred to other Departments.....	57	1	5	2	4	17	1	3	3	7	5	1	8
No Cause	1416	13	8	7	39	44	3	5	4	6	1	8	8
Remaining Unabated	1539	82	72	132	103	100	108	116	156	147	178	181	164
Notices.													
First Notices	1696	119	122	181	155	131	125	125	108	158	207	122	143
Last Notices	589	50	43	43	60	34	36	51	42	54	63	61	52
Total	2285	169	165	224	215	165	161	176	150	212	270	183	195

TABLE 24—Continued.
NEW FIXTURES INSTALLED IN OLD BUILDINGS.

	Totals	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Water Closets	1601	110	59	69	91	115	56	170	123	168	167	351	122
Basins	1997	78	51	71	66	128	45	257	161	121	382	329	117
Bath Tubs	934	45	22	46	47	56	46	97	77	79	73	269	77
Sinks	938	46	42	50	47	79	48	72	87	123	127	109	108
Wash Trays	443	19	15	37	27	38	29	30	45	55	42	55	51
Urinals	185	8	6	6	13	24	10	23	8	13	20	41	13
Slop Hoppers	123	4	8	6	9	4	5	15	8	25	16	16	7
Grease Traps	34	4	1	3	4	5	7	5	2	1	1	0	1
Cesspools	122	9	3	5	8	11	7	8	19	17	10	18	7
Sewers	269	15	10	18	27	28	27	19	20	15	16	26	48
Total	6046	338	217	311	339	488	280	696	550	617	854	1405	551

Number of plans submitted.....1,579 Number of buildings represented.....1,867
 Permits granted for repair work.....1,082

BOARD OF HEALTH

TABLE 24—Continued.
ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

Date of Examination.	PLAN.				Date of Examination.	QUESTION		
	Applications Filed.....	Number Examined...	Results			Number Examined...	Results	
			Passed.....	Failed.....			Passed.....	Failed.....
1915—July.....	6	6	2	4	1915—July.....	2	1	1
August.....	5	5	4	1	August.....	4	2	0
September.....	3	3	0	3	September.....	0	0	0
October.....	2	2	0	2	October.....	0	0	0
November.....	3	3	0	3	November.....	0	0	0
December.....	8	8	5	3	December.....	3	1	2
1916—January.....	4	3	1	2	1916—January.....	1	1	0
February.....	2	2	2	0	February.....	2	2	0
March.....	4	4	4	0	March.....	0	0	0
April.....	5	5	3	2	April.....	3	2	1
May.....	4	4	3	1	May.....	3	3	0
June.....	1	1	1	0	June.....	1	0	1
Total.....	47	46	25	21	Total.....	19	12	7

Total passing both examinations and qualifying, 12.

TABLE 25
BOARD ACTIONS ON INSANITARY PREMISES, 1915-1916.

Month	New Cases Brought Before the Board	Re-hearings	Total	Condemned During Year	Results Obtained on all Condemnations							Total	
					Cases Abated		Structures Demolished						
					By Repair	By Demolition	By Vacation	Total	Shacks	Stables	Other Structures		
1915—													
July	5	6	11	5									
August		37	49	10									
September	12	22	38	11									
October	16	22	38	11									
November	10	12	22	12	10	15	2	27				94	94
December	10	2	12	8									
1916—													
January	15	22	37	9	5	11		16	5	3	16	24	24
February	13	22	35	13		10		10	3	4	3	10	10
March	20	27	47	12	2	7		9	2	3	2	7	7
April	13	16	29	9									
May	14	14	28	14	13	26		39	5	6	38	49	49
June	5	8	13	4									
Total	133	188	321	109	30	69	2	101	15	16	153	184	184

BOARD OF HEALTH

TABLE 25.—Continued.

TABULATED REPORT OF THE EXPENDITURES IN THE WORK OF SPECIAL SANITATION DURING THE FISCAL YEAR 1915-1916 OF FUNDS APPROPRIATED FOR THIS WORK IN CONJUNCTION WITH THE UNITED STATES PUBLIC HEALTH SERVICE.

	1915						1916						Total
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
Headquarters.....	72.50	73.00	73.50	65.00	74.10	73.70	65.00	65.00	65.00	65.00	65.00	35.00	791.80
Field Service	573.90	588.50	563.41	575.90	588.41	626.38	578.00	608.90	552.76	611.36	580.95	7023.11	
Laboratory	65.73	67.46	173.58	99.68	173.71	63.95	32.18	56.74	92.73	71.91	121.30	87.73	1106.79
Printing & Stationery.....	65.73	3.97	1.98	10.35	26.77	38.93	8.89	2.00	17.98	24.06	9.07		144.00
Rat Traps and Bait, etc.	29.70	20.88	4.20	11.26	12.57	39.42	21.32	13.03	20.71	75.00		141.42	753.69
Special Purposes	75.00	75.00	75.00	75.00			75.00	75.00	75.00	161.50			758.32
	817.51	811.21	916.76	821.73	863.08	804.44	753.77	789.77	880.38	878.23	806.73	848.10	9997.71

* Does not include the sum of \$25,000 spent by the United States Government in co-operation with the Municipal Board of Health.

TABLE 26

STATEMENT OF TRANSCRIPTS ISSUED AND FEES COLLECTED IN THE DEPARTMENT OF PUBLIC HEALTH FOR
THE FISCAL YEAR 1915-1916

	July		August		September		October		November		December	
	No.	Fee	No.	Fee	No.	Fee	No.	Fee	No.	Fee	No.	Fee
TRANSCRIPTS ISSUED												
Certified Copies Birth (at 75c each).....	32	\$24.00	48	\$36.00	40	\$30.00	56	\$42.00	41	\$30.75	38	\$28.50
Same—For pension purposes, etc. (no charge)												
Certified Copies Death (at 75c each).....	71	53.25	61	45.75	67	50.25	76	57.00	70	52.50	108	81.00
Same—For pension purposes, etc. (no charge)	4		5		3				5		10	
Permits for Removal of Bodies and Ashes.....	24	10.00	59	10.00	28	10.00	45	10.00	53	10.00	41	
Same—(At \$10.00 each).....	1				1		1	12.00	1			
Miscellaneous Fees												
Totals	132	\$87.25	173	\$91.75	139	\$90.25	178	\$121.00	170	\$93.25	197	\$109.50
TRANSCRIPTS ISSUED												
Certified Copies Birth (at 75c each).....	40	\$30.00	52	\$39.00	47	\$35.25	74	\$55.50	39	\$29.25	66	\$49.50
Same—For pension purposes, etc. (no charge)												
Certified Copies Death (at 75c each).....	78	58.50	108	81.00	77	57.75	61	48.00	70	52.50	78	58.50
Same—For pension purposes, etc. (no charge)	2		11		4		7				2	
Permits for Removal of Bodies and Ashes.....	29	30.00	38	10.00	55	10.00	43	13.50	53	13.50	46	
Same—(At \$10.00 each).....	3	1.00			1	13.50						
Miscellaneous Fees												
Totals	152	119.50	209	\$120.00	184	\$126.20	188	\$103.50	162	\$95.25	192	\$108.00

TABLE 26—Continued

TOTAL TRANSCRIPTS ISSUED.

Certified Copies Birth (at 75c each).....	573	429.75
Same—For pension purposes, etc. (no charge).....	0	
Certified Copies Death (at 75c each).....	928	696.00
Same—For pension purposes, etc. (no charge).....	53	
Permits for Removal of Bodies and Ashes.....	514	
Same—(At \$10.00 each).....	8	80.00
Miscellaneous Fees		159.70
		<hr/>
Totals	2,076	1,365.45

TABLE 26—Continued.
PERMITS AND CERTIFICATES ISSUED.

	Totals	1915							1916				
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bath Houses	0	0	0	0	0	0	0	0	0	0	0	0	0
Cigar Factories	0	0	0	0	0	0	0	0	0	0	0	0	0
Homes for Children	193	8	7	19	8	13	14	10	23	22	21	28	20
Hotels and Lodging Houses	24	0	0	0	0	0	0	0	0	0	1	1	18
Laundries	8	0	0	0	0	0	0	0	0	5	0	0	0
Master Plumbers	284	134	79	5	2	20	23	8	4	9	0	0	0
Maternity Hospitals	9	0	1	0	2	2	1	1	1	1	0	0	0
Milk	144	6	7	7	16	17	8	28	14	5	4	18	14
School Attendance	3685	143	175	96	142	255	263	280	560	635	563	64	509
Tenement Houses	262	9	19	8	7	17	13	19	13	26	23	62	46
Wagons, Scavenger, Swill, Manure	412	4	3	0	2	0	0	312	76	43	2	0	0
Bakeries	61	4	9	3	8	2	6	7	5	9	2	4	2
Restaurants	423	25	47	28	47	26	36	39	40	42	23	41	29
Miscellaneous	809	51	93	48	87	56	73	54	88	93	49	87	50
Totals	6344	384	440	214	321	388	437	758	826	891	688	309	688

TABLE 28

EMERGENCY HOSPITALS.

ALANSON WEEKS, M. D., CHIEF SURGEON.

REPORT OF CASES RECEIVED AND TREATED DURING FISCAL YEAR
1915-1916.

During the past fiscal year a total of 33,045 patients were treated in the various Emergency hospitals, (not including the Mission Emergency Hospital) which shows an increase of 6,898 over the number of patients treated last year.

The Central Emergency Hospital treated 18,033 patients, and this is an increase of 3,851 patients, and responded to 3,034 ambulance calls; the Harbor Hospital treated 8,217 patients, an increase of 1,022 patients, and responded to 2,379 ambulance calls; the Potrero Hospital treated 3,161 patients, an increase of 906 patients, and responded to 610 ambulance calls; the Park Hospital treated 3,628 patients, an increase of 1,119 patients, and responded to 1,588 ambulance calls. The Insane Detention Hospital admitted 1,348 patients, of which 1,055 were committed to State Hospitals.

CENTRAL HOSPITAL.

Total number of surgical cases treated.....	11,209
Total number of medical cases treated.....	6,824
Grand total	18,033
Total number of emergency ambulance calls.....	2,890
Total number of transfer ambulance calls.....	244
Grand total	3,034

HARBOR HOSPITAL.

Total number of surgical cases treated.....	6,970
Total number of medical cases treated.....	1,247
Grand total	8,217
Total number of emergency ambulance calls.....	1,927
Total number of transfer ambulance calls.....	452
Grand total	2,379

POTRERO HOSPITAL.

Total number of surgical cases treated.....	2,929
Total number of medical cases treated.....	232
Grand total	3,161
Total number of emergency ambulance calls.....	490
Total number of transfer ambulance calls.....	120
Grand total	610

PARK HOSPITAL.

Total number of surgical cases treated.....	3,248
Total number of medical cases treated.....	380
Grand total	3,628
Total number of emergency ambulance calls.....	1,059
Total number of transfer ambulance calls.....	529
Grand total	1,588

TABLE 28—Continued

INSANE DETENTION HOSPITAL.

Total number of patients admitted to Detention Hospital.....	1,348
Grand total number of cases treated during fiscal year 1915-1916.....	34,393
Grand total number of emergency ambulance calls fiscal year 1915-1916....	7,611

FINANCIAL STATEMENT

EMERGENCY HOSPITALS FOR THE FISCAL YEAR 1915-1916.

Appropriation for salaries.....	\$68,052.00
Expenditure for salaries.....	68,035.35
Surplus	\$ 16.65
Appropriation for maintenance.....	14,335.00
Expenditures for maintenance.....	14,211.57
Surplus	\$ 123.43

ITEMIZED STATEMENT FOR MAINTENANCE

1. Subsistence	2,646.31
2. Surgical and medical supplies.....	2,806.14
3. Surgical instruments, appliances and repairs.....	669.82
4. Motor ambulances (5) and garage supplies.....	2,717.49
5. Linen and blankets	1,321.72
6. Bedding	178.50
7. Sick room furniture	219.60
8. Laundry	1,196.46
9. Scavenger service	120.00
10. Office furniture and linoleum.....	186.73
11. Miscellaneous	1,542.32
12. Fuel gas	606.48
Total	\$14,211.57

ADDITIONAL EXPENDITURE PAID OUT OF SPECIAL FUNDS.

Electricity	\$ 757.53
Water	433.58
Stationery	530.96
Postage Stamps	45.00
Total	\$ 1,767.07

TABLE 29
SAN FRANCISCO HOSPITAL.
STATEMENT OF PATIENTS ADMITTED, DISCHARGED AND DIED, FISCAL YEAR 1915-16.

	1915						1916						Total
	July	Aug.	Sept.	Oct.	Nov	Dec.	Jan.	Feb.	Mar.	April	May	June	
Admitted	558	344	367	381	391	444	410	433	454	479	494	466	5221
Born	6	8	16	5	19	16	7	24	12	17	18	11	159
Discharged													
Cured	88	96	123	125	126	164	115	120	150	141	144	157	1549
Improved	139	132	172	139	163	151	156	182	208	202	225	272	2171
Unimproved	35	28	20	14	31	21	25	23	29	27	36	30	319
Own Request	16		1	1	1	2	3	2	1	1	1		18
Refused treatment													12
Removed by Relatives or Friends													1
Insubordination					1	5	2	1	1	4	1		15
To Insanity Commission		1	1	1	1	3	1		3	5	1	3	23
To Relief Home	2		32	14	20	12	8	2	20	17	7	6	138
To Isolation Hospital			2	1	1	5	2	1	16	6	2	9	44
Died	64	77	50	47	66	87	90	80	75	69	75	54	834

DAILY AVERAGE NUMBER OF PATIENTS

July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
514.9	560.38	554	587.61	580.16	592.29	585.06	628.31	613.8	622.1	647.74	618.6

Number patients remaining in hospital July 1, 1915..... 557
Admitted during the year..... 5160

Died and discharged during year..... 5717

Remaining June 30, 1916..... 5134

593

NOTE.—This table includes cases received and treated at the Tuberculosis Hospital, which were formerly shown in Table No. 30, now eliminated.

BOARD OF HEALTH

TABLE 29—Continued

SAN FRANCISCO HOSPITAL—COST OF MAINTENANCE, 1915-1916.

EXPENDITURES.

Food supplies purchased.....	\$ 99,721.74	
Clothing and Dry Goods.....	15,731.18	
Fuel	11,807.10	
Light	1,448.01	
Water	6,702.15	
Ordinary repairs	5,787.36	
Salaries	147,711.20	
Other expenses	14,376.86	
Total		\$303,235.60

RECEIPTS.

Received from sales.....	\$ 237.94	
Received from pay patients.....	127.50	
Other receipts	298.23	
		663.67
Actual expense to county.....		\$302,621.93

Total cost per patient per day.....	\$1.40
Total cost per person per day.....	.86
Daily average number of patients treated.....	592
Daily average number of employes.....	366
Cost subsistence per patient per day.....	.29
Cost subsistence per employe per day.....	.45

Total number hospital days (including Main Group and Tuberculosis Dept.)	253,173*
Greatest number patients at any one time (May 19, 1916).....	671
Least number patients at any one time (Sept. 22, 1915).....	522
Percentage deaths to total number treated.....	14%

	Total number days treated	Total number cases treated	Average hospital days
1911-1912.....	104,960	3168	32
1912-1913.....	113,027	3960	28
1913-1914.....	102,646	4138	24
1914-1915.....	124,595	3261	38
1915-1916.....	253,173	5717	49

Note.—Year 1915-1916 includes complications and tuberculosis cases.

* Main Group, 5059 cases; total days, 191,093; average stay per patient, 37 days. Tuberculosis Dept., 658 cases; total days, 62,080; average stay per patient, 94 days.

CONSTRUCTION AND EQUIPMENT.

The new SAN FRANCISCO HOSPITAL is maintained by the City and County of San Francisco for the treatment of its sick poor. It is under the control of the Department of Public Health.

With the completion of the new general hospital at an approximate cost of three and one-half million dollars, derived from the sale of bonds, San Francisco will have one of the finest and handsomest institutions of its kind in the United States. The hospital when completed will accommodate about 1,000 patients; hence the cost per bed amounts to about \$3,500.

The late Mr. Newton J. Tharp designed the buildings and chose for the location of the main group the frontage facing Potrero Avenue, a broad avenue on which is operated the municipal car line.

The hospital is located in what is known as the "Warm Belt" of the Mission, at the edge of the most thickly populated district of the city; it is situated on a rising elevation and covers four city blocks, 866 feet long and 760 feet wide. The tuberculosis and infectious groups, at present under construction, will be situated on higher ground on the easterly portion of the property.

The buildings are so arranged that there is ample light and plenty of ventilation around each particular unit. In general, the type of construction is what is known as the corridor-pavilion, the buildings being connected by a main corridor in such manner that one can go from building to building without exposure to the elements.

The Italian renaissance style of architecture has been followed in designing the buildings, which are of the finest Class "A" fireproof construction possible for human skill to produce. The foundations are of concrete, waterproof and under-drained. The floor and roof construction is of reinforced concrete. The flooring throughout the offices and bedrooms in the administration building and in the nurses' home is of maple; in the wards and in the bedrooms of the service building the floors are covered with battleship linoleum cemented to the concrete. The operating rooms, treatment rooms, toilets, laboratories, etc., are finished with tile and the floors of all corridors are of terrazzo. The exterior walls are of brick of rich color, laid in a very beautiful way, with terra cotta trim.

The grounds are extensive and present a park-like appearance, having been laid out by Mr. John McLaren, the well-known designer of the beautiful gardens of the Panama-Pacific International Exposition, the entire area being enclosed by an iron grill fence and lighted at night by about forty ornamental electroliers.

The interior finish has been given careful study. All angles are rounded; baseboards are finished with sanitary cove; window sills generally are of marble; all door and window frames are of wood; the doors are smooth and flush, without panels, and are painted with five coats of cream enamel paint, except in the administration building and in the nurses' home, where the doors are of quartered oak, natural finish; the plastering is of Keene's cement throughout and is covered with three coats of paint of a light buff color. The plumbing fixtures, of which there are over one thousand, are of vitreous ware; all pipes are placed in vertical pipe racks in such a manner as to be within easy reach when necessary.

Plate glass has been used in all windows, with the exception of a portion of the service building, power plant and laundry, where the panes are of sheet glass. All of the windows are covered with bronze screens.

THE MAIN GROUP consists of ten buildings, begun in 1910 and completed May 1, 1915, when it was officially opened for the reception of patients. It has accommodations for 512 patients and is so constructed that 752 beds may be provided if necessary. The main entrance is in the center of the Potrero Avenue frontage and persons entering or leaving the grounds are compelled to

pass the gate house. The approach from the main entrance to the administration building is impressive, consisting of a series of terraces and stone stairways, on either side of which are lawns and flower beds. Provision is also made for ornamental fountains.

THE ADMINISTRATION BUILDING, the central feature of the main group, is three stories high and provides accommodations for the general offices of the superintendent and his assistants on the first floor. In the main office is located the central telephone exchange and switchboard for signal service; provision is also made for fire alarm station at this location. By means of a signal board, operated in conjunction with the silent call system, the telephone operator records on a time stamp the time when the patient's call is registered and the time it is answered by the nurse. At the northerly end of the administration building, on the first floor, is a large room which is used by the visiting staff and which will also be available as a meeting place for the advisory council, committees interested in social welfare work, etc.

The two upper floors are devoted to the use of the house officers and interns. They contain recreation and general reception rooms, library and billiard room, with a liberal provision of shower baths, toilets and other conveniences. In the basement are storerooms for the storing of trunks, furniture, enamelware, electrical stores, etc., and a large fireproof vault for the safekeeping of records. A portion of this building is set aside for the accommodation of the superintendent.

THE MAIN WARD BUILDINGS, of which there are four, are six stories high. Two are located to the north and two to the south of the administration building. Each ward building contains four wards, a roof garden with penthouse and a basement. There is provision in each ward for 29 beds, there being 25 beds in the general ward, which is 110 feet long and 26 feet wide, and 2 beds in each of the two preparation wards, with a cubic air space of 1,500 feet for each patient. A special feature of the ward buildings is the sanitary tower, placed on the north side of the buildings, opposite the middle of the ward. This tower contains the toilets, baths, wash basins, utility station, clothes chute, blanket warmer, etc. It is connected with the ward by a narrow corridor in such manner as to permit of cross-ventilation between the two structures. The wards have a full southern exposure and are well ventilated by hopper transoms placed above the windows.

Each bed is placed between two windows and is furnished with a reading lamp, silent call system and an electric socket for examination lamp. Each ward is furnished with a treatment room, diet kitchen, ward dining room, laboratory, linen room, toilet, wash room and janitor's closet. At the easterly end of each ward is a large solarium, the walls being almost entirely of glass. A large terrace on the southerly side of the first floor of the ward buildings permits the wheeling of patients into the open air and sunshine. Electric passenger elevators, conveniently located, each of which is capable of carrying a bed, are arranged for operation by lever or by push button control, the change from one system to the other being effected by a throw switch in the elevator machinery room.

The Maternity ward is provided with accommodation for 25 patients, there being beds in the ward proper for 20 patients and rooms for 5. Adjacent to the ward are toilet facilities placed in a sanitary tower and nearby are two nurseries; then follow in order the first stage room, delivery room, diet kitchen, dining room, two isolation rooms, doctor's dressing room, laboratory, supply room, toilet and janitor's closet. At the easterly end is a solarium.

The children's ward has been divided by glass cubicles, 9 feet high, into four smaller units, each containing six beds, so that to a certain extent contact infection from communicable diseases will be controlled.

THE RECEIVING BUILDING, which faces 22nd St., at the northerly end of the main corridor, is five stories high in the main portion, leading from which

are three wings each three stories high. This building has been designed for a five-fold purpose:

1. To receive patients entering the hospital proper.
2. For use as an emergency department.
3. For an out-patient department.
4. As a surgical pavilion.
5. For the purpose of instructing students from the medical colleges.

On the main floor is situated the emergency department, consisting of receiving station, operating rooms, and wards; an out-patient department, consisting of reception room, treatment rooms, drug room, and rooms for social service workers; department for receiving of patients, consisting of reception rooms, examining and treatment rooms, bath rooms, two observation wards and eight isolation rooms. In this department a dental clinic has also been established.

On the second floor is the surgical pavilion, which contains besides the operation rooms, two large surgical amphitheatres, each with seating accommodations for 50 students. On this floor is also located the X-Ray department, eye, ear, nose and throat, and urological examination rooms. Accommodations are also here provide for care of patients before and after operation.

On the third floor is an amphitheater with seating accommodations for 200, with laboratories adjacent, used by the faculty of the five medical colleges affiliated with the hospital for demonstrating purposes. On this floor also are the rooms in which the dressing sterilizers are situated; thus excessive humidity on the second or operating floor is avoided. In the basement is situated the hydrotherapeutic department, which is second to none in San Francisco. It is equipped with dressing and lounging rooms; douche, steam and irrigation rooms; plunge and mechanical apparatus department. In the douche room are shower baths, steam cabinet, electric cabinet, cleaning bath, continuous bath, Nauheim bath, massage table, etc.

The ventilation in the receiving building is controlled by a double mechanical system, the plenum system: one for supply and one for exhaust, the air being drawn in through an aperture 50 feet above the ground, washed and distributed by Sturtevant fans, after proper heating, to the various operating rooms. The mechanical exhaust system of ventilation can be operated separately in different parts of the receiving building. All operating rooms are furnished with running sterile water.

The Pathological Building is located to the east of the receiving building and is a three-story structure now in process of construction. On the first floor will be the morgue, post-mortem rooms, rooms for animal experimentation and kennels in connection therewith; also a chapel. On the second floor will be accommodations for the main chemical and bacteriological laboratories, which will be operated in conjunction with the central laboratory of the department of public health.

The Service Building is located in the rear of the administration building, in the center of the main group, consequently easy of access from the other buildings. It contains the main kitchen and serving pantry, from which all food is served, for removal in food carriages to the various wards. Secondary serving pantries are between the staff dining room and nurses' dining room and between male and female help dining rooms. The drug and linen rooms are also located on the main floor of this building. The two upper floors are furnished as quarters for the male and female help. Not more than two employees sleep in each room.

In the basement provision is made for a number of general storerooms, mattress and pillow rooms, bakery and a large locker room for the accommodation of patients' clothing.

THE NURSES' HOME is situated at the extreme southerly end of the main corridor. A garden faces the south, where the nurses may enjoy themselves and be free from view of the ward buildings, as well as the public. A large lecture room, social hall, recreation rooms, library, dining room, kitchen and suites for the superintendent of nurses, assistant superintendent of nurses, etc., are on the

first floor. The two upper floors are arranged for the accommodation of 20 pupil nurses. There are not more than two nurses in a single room. Each room is furnished with built-in quartered oak closet and chiffonier, between which is a wash basin.

THE POWER PLANT is situated in the center of the hospital group, so as to give equal distribution and minimum length of steam mains, etc., and supplies all electric power and steam used throughout the buildings. The power plant consists of four 250-horsepower Heine boilers, carrying 175 pounds steam pressure, which are fired by crude oil by the Dahl system. The oil is heated to a temperature of 270 degrees Fahrenheit under a pressure of 130 pounds, which does away with the necessity of steam air atomizing. Space has been provided for another boiler, when needed.

The electric generating plant consists of four 125 kilowatt Curtis turbine-generator units, running at 2400 revolutions per minute. The generators are of the three-wire type, delivering current at 125 volts for lighting and 250 volts for power. The main switchboard is also located in the room with the generators and distributes both light and power to all of the buildings through individual feeders to each. The switchboard consists of five generator panels, namely, one main power panel one paralleling panel, which is arranged for connection to an outside source of supply, three lighting panels. Each building has a main switchboard for light and power.

All steam, hot and cold water, steam return, gas, electric and other pipes are run in a system of tunnels connecting the power house with each building. All pipes in the horizontal and vertical directions are placed so as to be within easy reach in case of the necessity of repair. Low pressure steam from turbine and pump exhaust is used for the direct radiators in all wards and buildings, except in the receiving building, where as already stated, the plenum system is used for the heating of operating rooms and amphitheaters. There are 22,000 feet of direct radiation installed in the buildings so far constructed. There is also located in the power plant a twenty-ton ammonia direct expansion refrigerating machine, with brine system of circulation to the main refrigerator in the kitchen, butcher shop and main store-rooms, which is used for cold storage and ice making. Cold storage in the wards is obtained by the use of artificial ice in refrigerators.

The hot water system is a forced circulation, the water being heated to 140 degrees by the exhaust steam. All pumps in the power plant are duplex and in duplicate, reducing the chance of a shut-down to the minimum. There are two fuel oil tanks, one for the fire room, having a capacity of 11,000 gallons, and the other for the engine, having a capacity of 1,500 gallons. Two feed water heaters and purifiers are installed in the boiler room. The boiler pumps are duplex, in duplicate, of large capacity. All machinery operated by power is electrically driven, there being forty motors installed at present. There are four hydraulic elevators, five electric elevators, and a number of electric and hand operated dumb-waiters.

THE LAUNDRY is located on the southerly side of the power plant, with which it is closely connected, in which a complete and very extensive plant is installed.

THE TIME SYSTEM is operated through a master clock in the superintendent's office, from which an electrical impulse is sent to each of the 68 electric clocks throughout the building every minute. The call signal system for doctors, nurses, and other employees is a buzzer system, operated from the telephone switchboard, buzzers being installed on each floor of every building. The silent call system from the patients' beds is operated on the 125 volt lighting circuit. Upon the patient's pressing a button in the flexible cord attached to the bed, it lights a green light over the bed, also a green light at the nurse's desk, in the ward corridor, in the diet kitchen and in the main office directly over the private

exchange board. The method of registering the silent call system is referred to above in connection with description of the administration building.

THE TELEPHONE SYSTEM consists of a private exchange equipped for 159 Bell telephones. At the present time there are but 82 installed.

THE ARTIFICIAL LIGHTING in the buildings is of the "semi-indirect" type, the lower portion of the fixture being translucent, while the major portion of the light is reflected from the ceiling.

Construction of the new TUBERCULOSIS DEPARTMENT, with capacity of 250 beds, and for the ISOLATION DEPARTMENT, with capacity of 110 beds, is now under way, and it is probable these buildings will be ready for occupancy within two years.

THE EQUIPMENT of the San Francisco Hospital has been given much attention. Every room in the hospital was first equipped on paper and then each item was totaled in the aggregate and a stock card made for each article. This card showed the rooms to which such article was to be assigned, so that as the equipment arrived at the hospital no confusion ensued. Moreover, this method furnishes a complete inventory of the hospital equipment. A committee was appointed by the board of health to equip the hospital. As the style of each article was decided upon, photographs, cuts, or designs were made so that there could be no doubt as to what the contractor was bidding upon. Further, each contractor was required to submit a sample, which samples have been retained and placed in what is known as the "sample room."

There are many features of construction, equipment and management, the description of which would be too lengthy. Suffice it to say that the standard of the hospital is such as to entitle it to be ranked as one of the leading hospitals of this country. Great credit is due the members of the board of health, especially those of the building and hospital committees, as well as the architectural commission, for the care with which they have handled this problem. It is through their efforts that San Francisco has one of the most practical as well as most beautiful municipal hospitals. It is to be hoped that this noble group of buildings will remain as a monument to the honor of those who have been privileged to be associated with its construction.

NURSING DEPARTMENT AND TRAINING SCHOOL.

The efficiency of the Nursing Department has been materially increased by appointment of a number of supervisors, who, in addition to having charge of the nursing of patients, are in executive control of the wards, each supervisor being responsible for two wards.

The San Francisco Hospital Training School for Nurses was established in 1890, its object being to give instruction to those desirous of learning the art of caring for the sick. The hospital offers unusual opportunities for a thorough practical experience in all departments.

EQUIPMENT.

The hospital affords valuable opportunities for the clinical education of nurses in all branches of nursing, special opportunities being given for social service work. Instruction is given under competent instructors in the operating rooms, class and demonstration rooms, which are equipped with all the necessary apparatus for teaching purposes. A reference library includes all modern reference and text books relative to nursing. There is also a model diet kitchen equipment for teaching preparation of foods and their application to the needs of the sick. Laboratory equipment for teaching of bacteriology, chemistry, and urinalysis is obtained from the various medical schools connected with the hospital.

REQUIREMENTS FOR ADMISSION

1. A complete high school education; or a two year high school course or its equivalent in a recognized school, together with two years of special study or an occupation that would be considered preparatory to the study of nursing.

2. Good physical condition. Applicants are preferred between age of twenty and thirty years, and not under average weight and height. Their teeth shall also be in good condition.

3. Candidates shall show satisfactory evidence of having been vaccinated within the year previous to entering hospital.

TUITION AND EXPENSES.

No charges are made for tuition. Pupils receive board, lodging, and a reasonable amount of laundry. When accepted as pupil nurses an allowance of ten dollars a month is given for the first year and twelve dollars for the second and third years, to cover cost of uniforms, books, etc.

VACATIONS.

Are given each pupil between June and September. A period of two weeks is allowed at end of first and second years.

SICKNESS.

All pupils are cared for gratuitously when ill and receive professional services of physician of the school. Time lost through illness or for any other reason must be made up.

EXAMINATIONS.

Both oral and written are held at stated periods. The diploma of the school is awarded to those who have completed satisfactorily the term of three years and who have passed the final examinations. Nurses are then entitled to examination for registration in this State.

PREPARATORY COURSE.

Applicants who are approved will be admitted for term of three months, during which time they are under direct supervision of a graduate nurse instructor, receiving daily instruction through lectures, visiting the wards occasionally, but not doing any actual nursing.

The object of this course is to provide the student with the fundamental knowledge upon which nursing depends, to prove her general fitness of disposition and temperament for the work, and to insure the teaching of correct and uniform methods.

In addition to the classes, lectures and demonstrations, held daily, the pupil is taught the simpler practical points of nursing, including care and cleanliness of wards, bath rooms and utensils, linen and other closets, serving rooms and refrigerators, serving of trays, bed-making simple and for helpless patients, ether beds, prevention of bed sores, baths for cleanliness and as therapeutic agents; enemata and douches, observation of pulse, temperature, and respiration; charting; methods of applying heat and cold; disinfection and prevention of contagion; preparation of patients for physical examination; moving of patients; making of pneumonia jackets and surgical dressings; preparation of patients for ether and care of ether patients after operations; care of fracture cases and proper care of patients' surroundings; use of various appliances, utensils, and materials used in nursing.

Those who show adaptability for the work during this term and pass required examinations are accepted as pupil nurses and allowed to wear the school uniform. They will then be required to remain in the school and conform to the rules and discipline for three years from date of admission.

COURSE OF INSTRUCTION.

Embraces a period of three years and pupils are constantly engaged in practical work under immediate supervision of Superintendent of Nurses, her assistants, and the head nurses. Regular courses of lectures by physicians and surgeons, recitations and demonstrations, are given throughout the year.

JUNIOR YEAR.

Includes study of anatomy and physiology; nursing, its principles and practice; dietetics in class work and demonstrations in diet kitchen; and lectures on hygiene, bandaging, medical and surgical diseases.

INTERMEDIATE YEAR.

Includes medical, surgical, gynaecological and obstretical work, infectious diseases and massage, lectures on urinalysis, bacteriology, and materia medica.

SENIOR YEAR.

In addition to study of special diseases, lectures on eye, ear, nose and throat, surgical technique is taught in the operating rooms; the pupils are assigned such positions of responsibility, acting as head nurses, as will enable them to learn something of hospital administration.

POST-GRADUATE WORK.

Pupils who have attained a high average and show special aptitude for institutional work will be given opportunity of post-graduate work for period of one year, during which time they will receive instruction in ward management, teaching of pupil nurses, hospital housekeeping, and minor administration. They will receive \$40 per month and maintenance. Examinations will be held at end of year and if successfully passed and work and conduct are satisfactory, a special diploma will be given.

HOURS OF DUTY.

Time spent on duty averages forty-eight hours each week.

RESIDENT MEDICAL STAFF.

The number of internes has been increased and a house officer (a second year man) placed in charge of each service, an arrangement which has proved to be very satisfactory.

Regulations covering the work of this department have been compiled in book form, a copy being given to each member of the resident staff, so that his duties in the organization of the hospital are clearly defined.

TUBERCULOSIS DEPARTMENT.

During the past year the number of beds in the Tuberculosis Department has been increased from about 200 to 250. It is proposed that commencing July 1st, 1916, the State will pay \$3 per week for each tuberculous patient as is approved by the Tuberculosis Bureau, State Board of Health, provided the hospital complies with certain conditions relative to care of these patients, housing, etc. It will be necessary to make some alterations in this Department to meet the requirements.

MUNICIPAL ACCIDENT WARD.

To comply with the Workmen's Compensation Law, city employes injured in the performance of duty are entitled to the hospital service of the City and County of San Francisco, and a special ward is reserved for these cases. The best service that the hospital management can furnish is given these patients.

SURGICAL DEPARTMENT.

Located on second floor Receiving Building and consisting of eleven operating rooms. At present only three operating rooms are in use, one of these having been added during the present fiscal year. The large west amphitheater is used for demonstrating operations for medical students and visitors and is very popular with the visiting surgeons. This amphitheater and the smaller operating room are used every morning. Operating room No. 3 is used as an emergency room for overflow work, etc.

During the year a cystoscopic room has been established in this department, which has proved very satisfactory, all work of this class being removed from the treatment rooms in the wards, where proper preparation of these cases was impossible.

The operating and cystoscopic rooms are assigned per regular schedule to the various services, operations being posted on the surgery bulletin board by the Operating Room Nurse not later than 2 p. m. on the day previous to operation.

The number of operations has greatly increased, now averaging about ten daily; fourfold the number in the hospital's previous history. The increase in the amount of work has necessitated the appointment of an assistant to the operating room nurse.

Sterilization for the entire hospital is done through this department, sterilizing plant being located on the third floor, thereby lessening the humidity of the surgical pavilion which is so objectionable in operating rooms. The sterilizing department is in constant operation daily and recently it has been found desirable to use the large mattress sterilizer centrally located near the Power Plant. This markedly diminishes the number of sterilizations besides increasing its efficiency; due to the higher steam pressure obtained at this point. It is therefore recommended that in future buildings sterilizers be placed as near the Power Plant as possible. The Diack sterilizer control has been used with great satisfaction.

COMMISSARY DEPARTMENT.

Is centrally located in rear of the main group of buildings, accessible from either 22nd or 23rd Streets, so that the receiving platform where all supplies are delivered is convenient to the kitchen, store-rooms, power plant, and workshops of the mechanics. Distribution of supplies is thus made with the least expenditure of time and labor.

An accurate check is kept on goods ordered and received; supplies are weighed, measured, and inspected immediately upon receipt and are accordingly accepted or rejected. Strict compliance with contracts as per Schedule of Supplies is demanded. Only brands, samples, etc., approved by the Supplies Committee of the Board of Supervisors will be accepted. Expert inspection of meat, fish, eggs and butter insures delivery of the best food products to the institution.

DISPENSARY.

Daily ward supplies are now delivered each morning as ready and all new prescriptions and orders brought in during the day are promptly delivered by messenger as soon as prepared. This is a decided improvement over the previous method, which required the nurses to call for all supplies.

A system of accountability has been inaugurated during the past year, whereby a record is kept of all package goods, showing the ward or department to which issued, amount issued weekly, and amount issued weekly or monthly to the entire hospital; also the amount of goods ordered and received.

The drug room in the Tuberculosis Department has been closed and the stock consolidated with that of the main dispensary. This not only prevents duplication of stock and ordering, but renders possible a more even distribution and stricter accounting.

Prescriptions and small orders for the Isolation Hospital, previously purchased at retail from outside stores, are now prepared here at a greatly reduced cost to the city.

Another important feature is the reduction in the quantity of liquor used, the decrease amounting to about 200 percent. Formerly the cost per month averaged about \$63.12 for 375 patients; the present monthly average is \$31.20 for over 700 patients.

The increase in the duties and service required of this department has made necessary the employment of an assistant druggist.

LINEN DEPARTMENT.

In the Linen Department, which is in charge of one head seamstress and two assistant seamstresses, all of the linen such as sheets, pillow slips, towels, jackets, etc., are made; only such articles as are found cheaper to purchase by contract being obtained from outside manufacturers. The hospital linen is also repaired in this department. A system of exchange is in force whereby worn out linen is required to be presented before new linen is issued: As in the wards and other departments, a monthly inventory is taken of all stock.

REGISTRAR.

The Registrar is in charge of the main record room, where all patients' histories and records, statistics, etc., are filed and recorded. The hospital rules require histories to be written within 24 hours after patient's entrance and to be filed in the record room within 72 hours after discharge.

POWER PLANT.

The boilers and generators are in first-class condition; we had a little difficulty with the generators which has been satisfactorily adjusted.

About eight months ago the packing in the ice machine was renewed and the expense has been more than offset by the fact that we have not had to put in extra ammonia since renewing the packing, which will probably last for three years.

The motors in the laundry have held up very well with the exception of one armature in one of the extractors, the shaft breaking due to crystallization.

The elevators are being placed under weekly inspection by the Otis Elevator Co. as a check on the proper repair of same.

Dryers for drying wash rags have been installed in the main diet kitchens and pot cleaning kitchens and are very satisfactory.

Ventilators installed in the staff and help diet kitchens overcome to a great extent the odor of food.

Another good arrangement is the placing of guards over electric lights in the corridors, so that they cannot be removed except by the proper person, who has a key for the guards.

A smothering system is to be installed in the hood over the kitchen range as a protection against fire.

LOCKER ROOM.

Upon admission, the patient's clothing, etc., is sent to the locker room for safekeeping and returned when the patient is ready to be discharged. While in the hospital the patient wears hospital clothing. In connection with the locker room a tailoring department has been established for the repair, cleaning, and pressing of such clothing as is necessary. A supply of clothing is also kept for the use of those patients in need.

DENTAL CLINIC.

It has been arranged to open a dental clinic about July 1st, which will be a decided benefit to patients requiring dental work. This branch is to be maintained jointly by the hospital and the Associated Charities. The Associated Charities furnish the services of a dentist and supply the equipment, in return receiving the service of the Clinic for such of their cases as may be necessary.

LIBRARIES.

A patients' library, instituted through the efforts of the young ladies of the Alpha Sigma Sorority, has been a great source of pleasure to those desiring to make use of it. The members of the sorority give their time and service towards the proper care of the books, issuing and recording of same, catalogues, etc.

A nurses' library has also been established, containing the latest and best works on nursing, through the generosity of the alumnae. A valuable reference library has also been added to the Training School.

TABLE 31

REPORT OF RELIEF HOME FOR AGED AND INFIRM, FISCAL YEAR
ENDED JUNE 30, 1916

CHAS. M. WOLLENBERG, Superintendent.

Total number of inmates in Relief Home July 1st, 1915.....	1378
Total number of inmates admitted during 12 months.....	615

1993

DISCHARGES

Number of inmates discharged at own request.....	200	
Number of inmates who overstayed pass.....	88	
Number of inmates discharged for cause.....	5	
Number of inmates left without permission.....	13	
Number of inmates sent to New San Francisco Hospital.....	6	
Number of inmates sent to Tubercular Hospital.....	7	
Number of inmates sent to Insane Asylum.....	19	
Number of inmates who died.....	264	602

Total remaining June 30, 1916.....	1391
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SOCIAL CONDITION OF INMATES

Single	714	
Married	77	
Widowed	550	
Divorced	30	
Separated	20	
		1391

BY RACE

Caucasian	1359	
Ethiopian	12	
Mongolian	20	
		1391

BY NATIVITY

Foreign Born	991	
Native Born (United States).....	400	
		1391

BY AGES

20 to 30.....	9	
30 to 40.....	19	
40 to 50.....	81	
50 to 60.....	193	
60 to 70.....	442	
70 to 80.....	523	
80 to 90.....	112	
90 to 100.....	10	
100 and over.....	2	
		1391

NUMBER OF TIMES ADMITTED

First time	820
Second time	423
Third time	84
Fourth time	20
Fifth time	16
Sixth time	6

TABLE 31—Continued

Seventh time	2
Eighth time	4
Ninth time	5
Tenth time	3
Eleventh time	3
Twelfth time	3
	<hr/> 1391

PHYSICAL CONDITION OF INMATES

	Number
Males, blind	26
Females, blind	7
Males, bedridden	38
Females, bedridden	17
Males, crippled	160
Females, crippled	42
Males, able to work	410
Females, able to work	54
Males, convalescent	40
Females, convalescent	14
Males, mentally incompetent	125
Females, mentally incompetent	61
Males, old and infirm	260
Females, old and infirm	137
	<hr/> 1391

TAILORING DEPARTMENT—INMATE LABOR

Men's coats repaired	422
Men's vests repaired	189
Men's pants repaired	491
Men's shirts repaired	80
	<hr/> 1182

SHOE REPAIRING DEPARTMENT—INMATE LABOR

Men's shoes repaired	1323
Women's shoes repaired	278
	<hr/> 1601

FARM REPORT—PRODUCED

Cabbage, lbs.	57,000
Beets, sacks	60
Potatoes, sacks	1,700
Parsnips, sacks	25
Carrots, sacks	200
Turnips, sacks	109
Lettuce, sacks	34
Forage, tons	70
Onions, sacks	10

LAUNDRY WORK FOR YEAR 1915-16

Plain Work	400,800
Starched Work	17,880
	<hr/>
Total for year	418,680

BOARD OF HEALTH

TABLE 31—Continued

RELIEF HOME EXPENDITURES, JULY 1st, 1915, to JUNE 30th, 1916

1915

	July	August	September	October	November	December
Subsistence	8,176.33	7,379.44	8,492.10	8,592.66	8,653.92	10,084.63
Sundries	382.91	314.64	214.17	213.54	312.85	140.11
Clothing and Bedding	894.29	499.58	595.14	753.12	925.65	647.62
Power Plant	188.15	114.00	28.16	63.43	113.46	58.65
Drugs	322.11	109.83	142.79	124.40	163.87	181.54
Laundry	17.50	30.00	38.50	84.75	88.50	11.10
Stable	239.11	189.30	165.70	257.75	262.59	84.16
Dairy	437.36	786.29	315.54	782.04	746.66	334.60
Farm	33.75	60.60	137.88	269.82	13.48	482.29
Fuel	955.22	847.58	854.45	1,013.03	956.40	877.66
Garage .....	.....	79.25	48.17	104.28	45.39	119.83
Repairs—						
Ordinary	209.63	319.05	696.02	645.45	280.89	490.06
Vehicles and Harness	31.44	.....	5.50	8.74	11.35	11.55
Machinery	173.75	.....	53.83	22.60	14.40	40.00
Autos	244.75	33.42	26.94	235.06	72.98	166.12
Construction	146.74	113.02	269.68	173.87	172.58	9.85
Equipment .....	.....	.....	67.93	290.00	.....	110.00
Pay Roll	5,554.50	5,538.00	5,548.37	5,512.84	5,576.50	5,600.85
	18,007.54	16,414.08	17,690.87	19,147.38	18,411.47	19,450.62

BOARD OF HEALTH

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1916

	January	February	March	April	May	June
Subsistence	8,233.03	8,722.54	9,232.99	8,561.04	8,778.24	10,257.04
Sundries	238.92	244.76	155.29	190.56	199.42	173.95
Clothing and Bedding	828.96	734.96	528.74	608.82	1,248.87	588.11
Power Plant	82.32	134.39	46.65	137.61	80.14	227.72
Drugs	124.64	282.50	248.38	177.06	198.25	175.45
Laundry	13.04	77.40	134.04	33.40	92.00	64.07
Stable	150.24	201.38	204.48	177.85	342.10	44.25
Dairy	250.69	249.34	1,034.92	514.09	613.45	295.81
Farm	280.08	111.38	138.17	211.82	-----	41.80
Fuel	1,216.43	844.47	857.99	737.01	860.80	896.34
Garage	47.62	5.00	141.07	-----	1,024.40	58.50
Repairs—						
Ordinary	926.73	457.07	683.42	567.89	1,394.37	716.28
Vehicles and Harness	-----	16.18	41.98	34.68	25.00	65.41
Machinery	23.00	92.70	14.76	13.33	148.39	44.55
Autos	38.14	449.26	153.07	184.73	71.06	128.18
Pay Roll	5,501.35	5,570.10	5,599.72	5,591.00	5,456.00	5,531.01
	<hr/> 17,945.19	<hr/> 18,203.43	<hr/> 19,215.67	<hr/> 17,737.89	<hr/> 20,532.19	<hr/> 19,308.47

TABLE 31—Continued

JULY 1st, 1915, TO JUNE 30th, 1916

Subsistence	105,153.96
Sundries	2,781.12
Clothing and Bedding	8,853.86
Power Plant	1,284.68
Drugs	2,250.82
Laundry	684.30
Stable	2,318.91
Dairy	6,360.79
Farm	1,771.15
Fuel	10,917.38
Garage	1,673.51
Repairs—	
Ordinary	7,386.86
Vehicles and Harness	248.83
Machinery	641.31
Autos	1,803.71
Construction	885.74
Equipment	467.93
Pay Roll	66,580.24
	<hr/>
Water Cost	222,065.10
	<hr/>
	223,915.68

RELIEF HOME EXPENSES, JULY 1st, 1915, to JUNE 30th, 1916

Subsistence for one year	105,153.96
Subsistence for one month	8,762.83
Subsistence for one day	287.31
Subsistence for one inmate per day .....	.207
Clothing and Bedding for one year	8,853.86
Clothing and Bedding for one month	737.82
Clothing and Bedding for one day	24.19
Clothing and Bedding for one inmate per day .....	.017
Maintenance of total inmates per day	611.79
Maintenance of one inmate per day .....	.44

TABLE 32
REPORT OF THE INSPECTOR OF INDIGENTS, FISCAL YEAR 1915-16

	Total	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Number of applicants receiving care	7121	511	555	532	482	480	651	692	673	678	606	672	589
Number of investigations.....	8933	680	762	678	600	591	734	874	765	905	731	860	753
Number of calls—home visits.....	1821	124	163	163	50	59	157	174	201	227	157	188	158
Total	17875	1315	1480	1373	1132	1130	1542	1740	1639	1810	1494	1720	1500
Cash collected for care of patients....	\$158.00	\$15.00	\$15.00				\$65.00				\$15.00	\$15.00	\$33.00

TABLE 33
REPORT OF CITY PHYSICIAN

	Total	1915						1916					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Field Work—	878												
Visits to residences.....	672	63	64	77	68	81	88	101	82	74	67	68	45
Treated at office.....		34	46	39	42	58	39	59	91	78	45	72	69
Total	1550	97	110	116	110	139	127	160	173	152	112	140	114
City Prison Work—													
Visits to city prison.....	314	26	27	26	26	26	26	27	25	26	27	26	26
Patients treated	1055	80	97	85	95	94	83	95	82	93	73	93	85
County Jail Work—													
Visits to jail.....	287	27	26	26	26	26	26	27	25	26	26	26	26
Patients treated	1170	60	67	67	83	87	150	140	118	135	110	115	105
Examination of accidents under													
Liability Act	115	8	11	9	12	7	7	3	6	11	6	17	18
Investigation of accidents Municipal													
Railway	103	10	19	13	11	8	10	7	5	9	6	4	1
Total	4594	221	351	342	363	387	429	459	434	452	360	421	375

DIVISION OF VITAL STATISTICS

FISCAL YEAR 1915-16

Estimated Population (1916).....	500,000
Estimated Population U. S. Census (1914).....	448,502
Deaths registered	7,249
Annual Death Rate per 1,000 of population.....	14.49

Total Deaths	7,249	
Less Children under 1 week.....	206	
Non-Residents	769	
Deaths, External Causes.....	740	1,715
Net Total		5,534
Net Annual Death Rate per 1000 Population, 11.06.		

Deaths by Sex.		By Color.	
Males	4,519	White	6,827
Females	2,730	Black	74
		Chinese	265
		Japanese	83

By Social Condition.		By Nativity.	
Single	2,634	San Francisco	1,089
Married	2,679	Other Parts of California.....	1,021
Widowed	1,524	Other States	1,627
Divorced	120	Foreign Countries	3,290
Unknown	292	Unknown	222

Births Registered	7,780
Annual Birth Rate per 1000 of Population, 15.56.	

Still Births Registered.....	220
(Not included in Birth or Mortality Tables.)	
Marriage Licenses Issued (by County Clerk).....	6,542

ED. M. COFFEY
STATISTICIAN

VITAL STATISTICS

BIRTHS REGISTERED (STILL BIRTHS EXCLUDED).

MONTH	SEX	RACE				NATIVITY OF PARENTS										MIXED PARENTAGE				
																Anglo-Saxon	United States Foreign....	Others		
	TOTALS.....	MALES	FEMALES...	White.....	Black	Chinese	Japanese...	Twins (pairs)...	Triplets (sets)...	U. S.....	Gt. Britain.	*Ireland ...	† Germany..	France.....	†Italy.....	Scandinavia..	China.....	Japan.....	Others	Unascertained.....
1915																				
	July.....	318	336	619	1	21	13	9	1	279	16	40	38	9	94	14	11	13	43	0
	August.....	578	290	543	8	26	6	6	0	248	12	32	27	7	88	17	2	26	27	3
	September.....	689	370	319	22	20	10	0	301	13	33	22	10	115	22	5	22	45	20	43
	October.....	622	304	318	3	23	20	8	0	289	7	33	22	6	84	13	6	24	63	5
1916	November.....	690	372	318	645	0	21	4	0	288	13	43	15	11	109	13	6	20	47	6
	December.....	636	335	301	603	0	12	6	0	276	13	25	28	8	90	17	5	20	49	11
	January.....	702	375	327	660	3	20	7	0	309	14	47	20	9	112	12	6	19	55	5
	February.....	618	379	269	601	3	18	26	5	279	20	38	28	8	82	16	8	26	49	4
	March.....	606	350	316	605	2	27	32	5	279	13	56	25	3	90	14	8	31	43	5
	April.....	615	297	318	570	0	23	22	2	266	12	33	30	4	100	12	6	22	48	8
	May.....	633	343	290	597	1	12	23	3	265	9	43	25	7	92	18	5	23	52	6
	June.....	647	330	317	598	0	20	29	5	288	15	42	24	7	96	15	11	29	34	2
	Totals.....	7780	4063	3717	7261	17	225	277	70	3367	157	465	304	89	1152	183	79	275	555	55
																				498

* Includes 155 Irish-U. S. born parentage.

† Includes 198 German-U. S. born parentage.

‡ Includes 181 Italian-U. S. born parentage.

STILL BIRTHS

	Total	Male	Female
1915—July	19	12	7
August	8	5	3
September	13	8	5
October	13	8	5
November	18	7	11
December	23	9	14
1916—January	24	14	10
February	25	13	12
March	21	11	10
April	16	10	6
May	20	9	11
	<hr/>	<hr/>	<hr/>
	220	118	102
June	20	12	8

[illegible]

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1916.

CAUSES OF DEATH (International Classification)	1915												1916												
	July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
MALES		FEMALES																							
GRAND TOTALS																									
33. White swellings— Tuberculosis hip-joint	2	1		1																					
Tuberculosis of joints	1																								
34. Tuberculosis of other organs— Lymph-glands of neck	5	2	3																						
Of bones of foot	1		1																						
Of kidneys	1		1																						
35. Disseminated tuberculosis																									
36. Rickets	4	3																							
Osteomalacia	1																								
37a. Syphilis—congenital	19	10	9	1	1	1	1	1	2	2	1	2	1	1											
37b. Syphilis—acquired	27	19	8	2	1	2	1	1	2	1	1	1	1	1											
38. Gonococcus infection	1	1																							
39. Cancer of the buccal cavity																									
Of lip	3	8																							
Of maxilla	7	7																							
Of maxilla (operative shock)	1	1																							
Of mouth	1	1																							
Of palate	1	1																							
Of tongue	11	11																							
Of tongue	3	1																							
Sarcoma of maxilla	183	127	56	7	8	13	6	3	14	9	7	5	19	3	10	2	12	1	10	6	11	1	13	5	3
Cancer of the stomach																									
(Operative shock)	1																								
(Operative sepsis)	1	1																							
Sarcoma of stomach	2	1																							
Cancer of liver	60	30	3	1	2	3	1	1	6	2	3	1	3	4	2	2	3	4	3	2	4	2	4	2	
(Operative shock)	1	1																							
40b. Cancer of intestines	2	1																							
41a. Cancer of the peritoneum, intestines	49	25	24	3	2	4	2	2	2	2	2	1	3	3	4	2	1	2	1	1	1	2	4	2	
Of intestines (operative shock)	5	4	1	1	1																				
Sarcoma of intestines	5	4	1																						

[illegible]

[illegible]

VII. The Puerperal State.

[illegible]

[illegible]

XI. Diseases of Early Infancy.

[illegible]

[illegible]

[illegible]

[illegible]

VITAL STATISTICS

TABLE No. II.

REPORTS OF DEATHS REGISTERED DURING

CAUSES OF DEATH														By	
(International Classification)															
GRAND TOTALS	MALES	FEMALES													
			Unde. 1		1 Wk. 1		1 Mo. 1		6 Mos. 1		1 to 2		2 to 3		
			Week	Mo.	Mo.	Mo.	Mo.	Yr.	Yrs.	Yrs.	Yrs.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
DEATHS FROM ALL CAUSES.															
I. General Diseases	2,064	1,291	773	3	3	3	5	13	9	15	10	32	17	14	20
II. Diseases of Nervous System	567	292	275		2		1	1	3	3	1	4	2	3	3
III. Diseases of Circulatory System	1,341	803	538				1	1			2	5			1
IV. Diseases of Respiratory System	867	542	319	1	1	10	7	28	18	14	18	24	14	9	7
V. Diseases of the Digestive System	550	360	190	1		14	5	25	17	15	5	8	2	2	7
VI. Diseases of Genito-Urinary System	731	463	268	1		1		1	1			4		1	
VII. The Puerperal State	54		54												
VIII. Diseases of the Skin	15	10	5			1			1						
IX. Diseases of the Bones	13	8	5											2	
X. Malformations	49	20	29	9	12	4	4	5	7	1	2	1	3		
XI. Diseases of Early Infancy	292	124	78	105	66	12	10	7	2						
XII. Old Age	55	14	41												
XIII. Affections Produced by External Causes	740	585	155	1	1			2		1	1	1	1	1	4
XIV. Ill-Defined Diseases	1	1													
I. General Diseases.															
1. Typhoid fever	26	19	7												
2. Typhus fever															
3. Relapsing fever															
4. Malaria	3	2	1												
5. Smallpox	1														1
6. Measles	8	6	2								1				
7. Scarlet fever	21	2	13			1		3	4	3	4		3	1	1
8. Whooping cough	109	61	48							2	1	12	8	6	4
9. Diphtheria	14	6	8												
10. Influenza															
11. Miliary fever															
12. Asiatic cholera															
13. Cholera nostras															
14. Dysentery	4	2	2												
15. Plague															
16. Yellow fever		1	1												
17. Leprosy	11	6	5								1	1			
18. Erysipelas (idiopathic)															
19. Other epidemic diseases															
20. Purulent infection and septicæmia															
Following decubitis	1	1													
Following infection, arm	1	1													
Following needle prick, finger	1	1													
Following scratch on hand	2	2													
Following infected wound, leg	1	1													
Following bruise of foot	1		1												
Following burn of hand	1		1												
Following nail scratch of nose	1	1						1							
Following infected wound (?)	1	1													
Following staphylococcic infection knee	1	1													
Following phlegmon of legs	1	1													
Following cellulitis of leg	1	1													
Following staphylococcic cellulitis	1		1												
Following streptococcus infection	2	2													
Pyæmia—Following scratch on hand	1	1													
Pyæmia—Following injury to leg	1	1													
Pyæmia—Unqualified	1	1													
21. Glanders															
22. Anthrax															
23. Rabies															
24. Tetanus															

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FISCAL YEAR ENDING JUNE 30, 1916

Ages																																												
3 to 4 Yrs.			4 to 5 Yrs.			Total under 5 Yrs.			5 to 10 Yrs.			10 to 20 Yrs.			20 to 30 Yrs.			30 to 40 Yrs.			40 to 50 Yrs.			50 to 60 Yrs.			60 to 70 Yrs.			70 to 80 Yrs.			80 to 90 Yrs.			90 to 100 Yrs.			Over 100 Yrs.			Un- ascertained		
M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.				
21	27	18	20	44	8	343	68	51	87	84	369	213	588	281	729	341	795	397	707	38	530	393	184	216	11	28	1	2														
11	17	9	11	100	92	38	24	26	36	163	84	215	107	239	127	253	144	166	77	76	59	15	24	1	1																
1	1	3	2	15	15	2	6	4	14	2	15	11	35	26	54	49	82	57	57	79	12	29	2	1	1																
3	3	4	3	93	71	6	3	5	8	20	13	54	23	125	54	160	75	193	121	164	144	67	79	2	14	2	4															
1	1	1	1	66	38	5	4	8	10	33	13	59	29	57	25	54	29	45	24	32	10	1	7	1	1																
1	1	1	9	3	1	4	3	18	19	33	35	69	52	103	55	99	52	90	34	36	13	2	1	1																
.....	1	1	1	2	2	2	2	2	1	1	1	2	2	1																
.....	2	29	1	2	1	1	1	2	1	1																
.....	.....	.....	124	78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	3	2	11	12	11	8	31	10	94	27	144	30	123	22	93	16	43	13	22	8	9	7	2	2	2																
.....																	
.....	1	1	2	3	10	2	5	2	1																	
.....																	
.....																	
1	1	2	1	2	1	1	1																		
6	9	5	8	31	30	24	12	4	2	1	1	1	2	3	1	2	2	1	3																		
.....																	
.....																																										

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS..	MALES	FEMALES	By								
					Under 1 Week	1 Wk. to 1 Mo.	1 Mo. to 6 Mos.	6Mos. to 1 Yr.	1 to 2 Yrs.		2 to 3 Yrs.		
					M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
100.	Diseases of the pharynx (tonsillitis, septicemia following)	6	3	3								1	1
	Vincent's angina	1	1										
101.	Diseases of the esophagus (diverticulum)	1	1										
102.	Ulcer of the stomach	40	31	9									
	(Operative shock)	3	3										
	(Operative sepsis)	1	1										
103.	Other diseases of stomach (cancer excepted)—												
	Gastritis, acute	10	7	3		1				2	1		
	Dilation of stomach	1		1									
104.	Diarrhea and enteritis (und. 2 yrs.)												
	Cholera infantum	3	2	1			2	1					
	Diarrhea	7	5	2			5	1	2				
	Enteritis	7	6	1		1	2	1	2		1		
	Entero-colitis	5	3	2			1	1	1			1	
	Gastro-enteritis	52	32	20		9	5	12	8	3	3		
	Ileo-colitis	4	3	1	1	1		1	1				
105.	Diarrhea and enteritis (2 years and over)—												
	Diarrhea	1		1								1	1
	Enteritis	5	2	3									3
	Gastro-enteritis	15	7	8									1
	Ileo-colitis	12	2	2									
	Duodenal ulcer	15	12	3									
	(Operative shock)	1	1										
106.	Ankylostomiasis	1	1										
107.	Intestinal parasites (Trichinosis)	1	1										
108.	Appendicitis	96	63	33									1
	(Operative shock)	3	3										
109a.	Hernias	16	10	6							1		
	(Operative shock)	4	4										
109b.	Intestinal obstructions	43	26	17		1	1			1			
	(Operative shock)	5	2	3									
	Intussusception	6	5	1			2	1	1		1		
	Volvulus	5	1	4									
110.	Other diseases of the intestines (fecal fistula)	3	3										
	Ischiorectal abscess	1	1										
	Ulcer duodenum	5	4	1									
	(Operative shock)	1	1										
	Tumor of intestines	1	1										
	Prolapse of rectum	1	1	1									
	Stricture rectum	1	1										
	Coccidioidial granuloma	1	1										
111.	Acute yellow atrophy of the liver	3	3										
112.	Hydatid tumor of the liver (operative shock)	1	1										
113.	Cirrhosis of the liver	110	79	31									
114.	Biliary calculi	24	9	15									
	(Operative shock)	6		6									
	(Operative sepsis)	1	1										
115.	Other diseases of the liver (abscess of)												
	Inflammation of	5	5										
	Cholecystitis	3	3										
	Gangrene of gall bladder	9	4	5									
	Rupture of gall bladder	1	1										
	(Operative shock)	2	1	1									
116.	Diseases of the spleen (abscess of)	1	1										
117.	Simple peritonitis	1	1										
118.	Other diseases of digestive system (excepting tuberculosis, cancer)												
	Sub-phrenic abscess	2	1	1									
	Hemorrhagic pancreatitis	5	5										

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

		GRAND TOTALS	MALES	FEMALES	By									
CAUSES OF DEATH (International Classification)					Under 1 Week	1 Wk. to 1 Mo.	1 Mo. to 6 Mos.	6 Mos. to 1 Yr.	1 to 2 Yrs.	2 to 3 Yrs.	4	5		
					M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
VIII. Diseases of the Skin.														
142.	Gangrene (of foot).....	3	2	1										
	Raynaud's disease	1	1											
143.	Furuncle (carbuncle)	1	1											
	Carbuncle (septicemia following).....	1	1											
144.	Acute abscess (multiple)	1	1											
	Of cervical glands.....	1	1											
	Cellulitis face (scratch of nail).....	1		1										
	Cellulitis hand (septicemia fol.).....	1		1										
	Pemphigus neonatorum	1	1			1								
	Pemphigus foleaceas	1		1										
	Ulcer leg (septicemia following).....	1	1											
	Pituriasis rubia	1	1											
	Impetigo (septicemia following).....	1		1			1							
IX. Diseases of the Bones.														
146.	Diseases of the bones (tuberculosis excepted)—													
	Mastoiditis	3	2	1									1	
	(Septicemia following)	4	3	1									1	
	Necrosis maxilla (operative shock).....	1		1										
	Osteomyelitis tibia	1	1											
147.	Diseases of the joints (excepting tuberculosis and rheumatism)—													
	Purulent arthritis	2	1	1										
	Arthropathy hip (operative shock).....	1	1											
	Congenital dislocation hip (operative shock)	1		1										
148.	Amputations													
149.	Other diseases of the organs of locomotion													
X. Malformations.														
150.	(1) Hydrocephalus	5	1	4		1		1		1		1		
	(2) Congenital malformation of heart	22	9	13	8	6	1	4		3				
	(3) Other congenital malformations.....													
	Cleft palate	4		4		2				1		1		
	Imperforate anus	3	2	1	1	1	1							
	Microcephalus	1		1									1	
	Pyloric stenosis	5	5			1		3				1		
	(Operative shock)	2	1	1						1			1	
	Spina bifida	4	2	2		2	1		1					
	(Operative shock)	1		1					1					
	Malformation urinary bladder.....	1		1									1	
	Arrest of development.....	1		1					1					
XI. Diseases of Early Infancy.														
151.	(1) Premature birth	125	77	48	65	42	9	5	3	1				
	(2) Congenital debility. "atrophy," "marasmus," etc.	5	3	2	3			1		1				
	Icterus neonatorum	2	1	1	1			1						
	Maldevelopment	1		1		1								
152.	Other diseases peculiar to early infancy—													
	(1) Injuries at birth (instrumental delivery)	15	12	3	11	3			1					
	Breech presentation	1	1		1									
	Placenta previa	3	2	1	2	1								
	(2) Asphyxia neonatorum	6	4	2	4	2								
	Atelectasis neonatorum	26	10	16	15	10			1					
	Hemophilia neonatorum	8	2	6		6	2							
	Hemorrhage from circumcision.....	1	1		1									

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FISCAL YEAR ENDING JUNE 30, 1916

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS..	MALES	FEMALES	By							
				Under 1 Week	1 Wk. to 1 Mo.	1 Mo. to 6 Mos.	6 Mos. to 1 Yr.	1 to 2 Yrs.	2 to 3 Yrs.		
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
Hemorrhage umbilicus	1	1			1						
Melena neonatorum	1	1		1							
Inspiration of food	1			1		1					
Inspiration of vomit	1	1				1					
Infection umbilicus	2			2	1	1					
Suffocation under bedclothes	2	2		1		1					
Suffocation (overlaid)	1			1		1					
153. Lack of care											
XII. Old Age.											
154. Senility	55	14	41								
XIII. Affections Produced by External Causes											
155. Suicide by poison—											
Arsenic	1	1									
Bi-chloride mercury	5			5							
Carbolic acid	7	5		2							
Chloroform	1			1							
Cyanide potassium	13	12		1							
Lysol	5	4		1							
Strychnine	3	2		1							
Undetermined poison	1			1							
156. Suicide by asphyxia (illuminating gas)	56	45	11								
157. Suicide by hanging or strangulation..	15	14	1								
158. Suicide by drowning	14	11	3								
159. Suicide by firearms	98	89	9								
160. Suicide by cutting or piercing instruments	18	16	2								
161. Suicide by jumping from a high place (from bridge)	1	1									
From fire escape	1	1									
From pile driver	1	1									
From window	10	7	3								
162. Suicide by crushing		7									
163. Other suicides											
164. Poisoning by food (ptomaines)—											
From eating clams	2		2								
Crab salad	1		1								
Unknown	2	1	1								
165. Other acute poisonings—											
Arsenic (accidentally self-administered)	1		1								
Bi-chloride mercury (accidentally self-administered)	3	1	2								
Cyanide (accidentally self-administered)	1	1									
Morphine (accidentally self-administered)	1	1									
Muriatic acid (accidentally self-administered)	1	1									
Opium (accidentally self-administered)	1		1								
Strychnine manner unknown)	1		1								
Unknown poison (manner unknown)	1		1								
166. Conflagration (in burning building) ..	12	3	9								1
167. Burns (conflagration excepted)—											
Playing with matches	3	1	2								
From gas stove	1		1								
From open grate	1		1								
From wood stove	1		1								
From gasoline stove	1		1								
From vaporizer	1	1				1					

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FISCAL YEAR ENDING JUNE 30, 1916

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VITAL STATISTICS

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS	MALES	FEMALES	By													
					Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos.		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.			
					M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
	From electric hot plate.....	1	1											1				
	From explosion kerosene lamp.....	2	1	1														
	Lighting fire with kerosene.....	1	1	1														
	From explosion distillate.....	2	2	1														
	From scalding water.....	3	2	1												1	1	
	From boiling grease.....	1		1														
168.	Absorption of deleterious gases (con- flagration excepted).....																	
	(1) Illuminating gas (accidental).....	52	43	9														
	(2) Anesthesia (either during opera- tion).....	1	1															
	(Not stated) (during operation).....	1	1															
169.	Accidental drowning (in bay of S. F.) (In Pacific Ocean).....	34	34															
	(In ponds).....	4	4															
	(In ponds).....	3	3															
170.	Traumatism by firearms.....	6	6															
171.	Traumatism by cutting or piercing instrument.....																	
172.	Traumatism by fall—																	
	Over banister.....	2	2															
	Into basement.....	1	1															
	From bed.....	1	1	1														
	From building.....	9	8	1														
	Over bulkhead.....	1	1															
	Into bunker.....	1	1															
	Down elevator shaft.....	1		1														
	Into excavation.....	2	2															
	From fire escape.....	1	1	1														
	On floor.....	21	10	11														
	From "go-cart".....	2	1	1								1	1					
	From ladder.....	3	2	1														
	Down light well.....	1		1														
	From loft.....	2	2															
	On pavement.....	12	8	4														
	From pile-driver.....	1	1															
	Into pit.....	1	1															
	From platform.....	2	2															
	From porch.....	1		1														
	Into hold of ship.....	7	7															
	While skating.....	1	1															
	Through skylight.....	1	1															
	From staging.....	27	2															
	Down stairs.....	17	13	4												1		
	From telegraph pole.....	1	1															
	From window.....	7	3	4														
	On iron stake.....	1	1															
173.	Traumatism in mines and quarries (Explosion in mine).....	1	1															
	In mine, fracture spine (manner unknown).....	2	2															
	In quarry, fracture spine (manner unknown).....	1	1															
174.	Traumatism by machines—																	
	Crushed by elevators.....	4	4															
	Crushed by elevator counterweight.....	2	2															
	In elevator machinery.....	1	1															
	Struck by broken belt.....	1	1															
	Crushed by traveling crane.....	1	1															
175a.	Railroad accidents and injuries—																	
	Struck by locomotive.....	1	1															
	Run over by train.....	6	6															
	Run over by freight car.....	1	1															
	Fall from handcar.....	1	1															
	Fall from locomotive.....	1	1															
	Crushed between freight cars.....	2	2															
	Crushed between car and platform.....	1	1															

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FISCAL YEAR ENDING JUNE 30, 1916

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TABLE No. III—Continued
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Following infected wound, arm.....	1	1	1					1	
Following wound of hand.....	1	1		1					
25. Mycoses (fungoides).....	1	1	1						1
26. Pellagra.....	1	1		1					
27. Beriberi.....	1	1				1			
28. Tuberculosis of the lungs.....	782	598	190	332	64	182	93	46	26
29. Acute miliary tuberculosis.....	26	18	8	10	5	8	3		
30. Tuberculous meningitis.....	74	47	27	39	23	6	4	1	
31. Abdominal tuberculosis—intestinal.....	4		4					1	
Peritoneal.....	23	12	11	10	7	2	4		
32. Pott's disease— (Tuberculosis of spine).....	11	6	5	3	2	3	3		
33. White swellings— Tuberculosis hip-joint.....	2	2				1			
Tuberculosis of joints.....	1	1				1			
34. Tuberculosis of other organs— Lymph-glands of neck.....	5	2	3	1	3	1			
Of bones of foot.....	1	1		1					
Of kidneys.....	1		1		1				
35. Disseminated tuberculosis.....									
36. Rickets.....	4	3	1	3	1				
Osteomalacia.....	1		1						1
37a. Syphilis—congenital.....	19	10	9	10	9				
37b. Syphilis—acquired.....	27	19	8	6	2	10	6	3	
38. Gonococcus infection.....	2	1	1	1					
39. Cancer of the buccal cavity.....									
Of lip.....	3	3				1		2	
Of maxilla.....	7	7		3		4			
Of maxilla (operative shock).....	1	1						1	
Of mouth.....	1	1						1	
Of palate.....	1	1				1			
Of tongue.....	11	11		4		5		2	
Sarcoma of maxilla.....	3	1	2		1			1	1
40a. Cancer of the stomach.....	183	127	56	33	3	64	24	26	28
(Operative shock).....	1		1		1				
(Operative sepsis).....	1	1				1			
Sarcoma of stomach.....	2	1	1		1	1			
40b. Cancer of liver.....	60	30	30	5	3	18	14	5	12
(Operative shock).....	1	1				1			
41a. Cancer of the peritonæum, intestines.....									
Of intestines.....	49	25	24	4	1	15	13	5	10
Of intestines (operative shock).....	2	1	1			1			
Sarcoma of intestines.....	5	4	1			4	1		
41b. Cancer of rectum.....	25	18	7	3	1	13	2	1	4
(Operative shock).....	1		1				1		
42. Cancer of the female genital organs— Of uterus.....	73		73		3		43		25
Of uterus (operative shock).....	6		6				3		3
Of ovary.....	6		6		3		2		1
Of vagina.....	3		3				2		1
Sarcoma of uterus.....	1		1				1		
Sarcoma of vagina.....	1		1				1		
43. Cancer of the breast.....	63		63		7		33		20
Sarcoma of breast.....	2		2						2
44. Cancer of the skin— Of ear.....	1	1		1					
Of face.....	6	6				4		2	
Sarcoma of face.....	1	1				1			
45. Cancer of other or unspecified organs.....									
Of bladder (urinary).....	9	8	1	4		4	1		
Of groin.....	1		1						1
Of kidney.....	2	1	1	1			1		
Of larynx.....	7	6	1	1		4	1	1	
Of lumbar region.....	1		1						1

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FISCAL YEAR ENDING JUNE 30, 1916

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Of lung	4	2	2			1	1		1
Of mediastinum	3	2	1	2			1		
Of neck	7	3	4		3				
Of orbit	1	1		1					
Of penis	1	1				2			
Of pharynx	5	5		1		3		1	
Of prostate	7					4		4	
Of prostate (operative shock)	1	1				1			
Of spine	1	1			1				
Of spleen	2	1	1	1			1		
Of temporal region	1	1							1
Of testicle	1	1				1			
Of thyroid	1		1		1				
Sarcoma—Of arm	1	1						1	
Of axilla	1	1						1	
Of brain	4	3	1	3	1				
Of brain (operative shock)	1	1		1					
Of eye	1	1		1					
Of femur	1		1				1		
Of groin	1		1				1		
Of ilium	1	1				1			
Of kidney	1	1		1					
Of lung	1	1		1					
Of mediastinum	2	1	1			1	1		
Of neck	3	3		1		2			
Of orbit	2	2		1				1	
Of testicle	1	1		1					
46. Other tumors (except of female genital organs)									
Of mediastinum	1	1				1			
Of parotid	1	1				1	1		
47. Acute articular rheumatism	15	2	3	1	1	1	2		
48. Chronic rheumatism and gout	8	5	3		1	3	1	2	1
49. Scurvy									
50. Diabetes	104	51	53	13	3	32	23	5	27
51. Exophthalmic goitre	11	1	10		1	1	6		3
52. Addison's disease	3	2	1			2	1		
53. Leukæmia	17	12	5	10	1	2	2		2
54. Anæmia, chlorosis	40	15	25	6	2	8	14	1	9
55. Other general diseases (acidosis)	3	3		3					
Purpura hemorrhagica	3	3			2	3			
56. Alcoholism (acute and chronic)	56	41	14	16		17	8	5	4
57. Chronic lead poisoning	2	2		1		1			
58. Other chronic occupation poisonings									
59. Other chronic poisonings									
II. Diseases of the Nervous System.									
60. Encephalitis	4	2	2	2	1				
Abscess of brain	2	2			1		2		
61. (1) Simple meningitis	17	10	7	9	7	1			
Streptococcic meningitis	2	2		2		1			
(2) Cerebrospinal meningitis	7	4	3	5	2	1	1		
(3) Epidemic cerebrospinal meningitis	4	2	2	2	1				1
62. Locomotor ataxia	21	17	4	2		8	2	5	1
63. Other diseases of spinal cord—									
Acute ascending paralysis	1	1				1			
Myelitis, transverse	2	1	1	1			1		1
Myasthenia gravis	1	1				1			
Paralysis agitans	2	1	1			1	1		
Paralysis, bulbar	5	4	1			1	1	1	1
Poliomyelitis	1	1		1					
Spina bifida	1	1		1					
Tumor of spinal cord	1	1	2				1		1
Sclerosis-lateral	1	1				3	1		1

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FISCAL YEAR ENDING JUNE 30, 1916

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
64. Cerebral hæmorrhage, apoplexy.....	390	192	198	46	15	98	70	40	109
65. Softening of the brain.....	20	7	13	1	1	4	2	1	10
66. Paralysis without specified cause.....	8	4	4	2		2	1		3
Hemiplegia.....	10	4	6		2	4	2		2
67. General paralysis of the insane (Paresis).....	9	7	2	1		5	1	1	1
68. Other forms of mental alienation (Dementia, præcox).....	1	1		1					
69. Epilepsy.....	13	7	6	3	4	4	2		
70. Convulsions (nonpuerperal).....									
71. Convulsions of infants.....	3		3		3				
72. Chorea.....									
73. Neuralgia and neuritis.....									
74. Other diseases of the nervous system Sclerosis of brain.....	1	1				1			
Tumor of brain.....	25	13	12	6	3	6	7	1	1
75. Diseases of the eyes and their adnexa.....									
76. Diseases of the ears (Otitis Media).....	6	4	2	4	1				
III. Diseases of the Circulatory System.									
77. Pericarditis.....	24	19	5	6		8	3	3	
78. Acute endocarditis.....	48	33	15	20	6	9	6		2
79. Organic diseases of the heart.....									
(1) Valvular.....	385	238	147	90	17	97	60	37	67
(2) Endocarditis, chronic.....	139	97	42	33	5	45	14	6	21
(3) Fatty heart.....	19	4	15		1	3	3	1	9
(4) Myocarditis, chronic.....	505	279	226	64	26	124	58	64	138
80. Angina pectoris.....	72	46	26	4	1	30	5	12	20
81. Diseases of arteries, atheroma, aneurysm, etc.....									
Aneurism of aorta.....	28	23	5	7		12	2	1	3
Arterio-sclerosis.....	91	45	46	10	4	17	7	18	35
Endarteritis.....	1	1				1			
82. Embolism and thrombosis.....	19	13	6	1		9		3	4
83. Diseases of veins (phlebitis).....	6	3	3	1		2	2		1
84. Diseases of lymphatic system— Abscess auxiliary gland.....	1	1		1					
Adenitis, suppurative.....	1		1		1				
Enlarged thymus.....	1	1		1		1			
Status lymphaticus.....	1	1		1		1			
85. Hæmorrhage, other diseases of circulatory system.....									
IV. Diseases of the Respiratory System.									
86. Diseases of the nasal fossæ.....									
87. Diseases of the larynx (laryngitis).....	4	2	2		2	1		1	
88. Diseases of the thyroid body.....									
89. Acute bronchitis.....	40	18	22	9	10	5	2	4	10
90. Chronic bronchitis.....	27	14	13	4	2	2	5	7	6
91. Bronchopneumonia.....	315	227	118	126	52	42	27	37	39
92. Lobar pneumonia.....	385	237	148	108	47	72	44	39	54
93. Pleurisy.....	44	36	8	15	2	10	4	3	2
94. Pulmonary congestion, pulmonary apoplexy.....	6	3	3			1		2	3
95. Gangrene of the lung.....	4	4		1		2			
96. Asthma.....	10	6	4			4	3	2	1
97. Pulmonary emphysema.....									
98. Other diseases of the respiratory system (tuberculosis excepted)— Abscess of lung.....	2	1	1		1	1			
V. Diseases of the Digestive System.									
99. Diseases of mouth and adnexa (gangrenous stomatitis).....	1	1		1					
Pyorrhea alveolaris.....	1		1						1

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Relation				Color								Nativity											
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained			
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
2	4	6		175	197	16				1	1	9	9	14	18	46	52	119	118	4	1		
1				7	13									1		2	5	4	7				
				4	4										2		1	1	2				
				3	6	1										1	2	3	4				
				7	2							1				3		3	2				
				1												1							
				7	6							1	1	3	3	2		3					
					3								2		1								
				1										1									
				12	12					1		3	1	1	7	2	3	7	1				
	1			4	2							2		1			2	1					
		2		16	5	3						2	2	4	1	5	2	7		1			
2	1	2		32	14	1				1		4	7	9	1	11	2	8	4	1	1		
3	3	11		219	145	16	2	1		2		10	6	22	18	64	31	134	92	8			
1		12	2	88	40	9				2		9	2	13	5	21	9	48	25	6	1		
			2	4	15										1	4	3	11					
5	3	22	1	263	222	13	1		1	3	2	11	4	13	9	69	61	171	149	15	3		
				46	26							5	1	3	3	16	9	20	13	2			
				2	3					1				1		11	1	11		2	1		
1		2		36	46	9								2	8	14		37	30				
				1											1								
				12	6	1								2		4	1	7					
				3	3											3	1		2				
				1								1											
				1	1									1									
				1								1											
				2	2									2		1		1					
				16	26	2	1					1	8	8	3		1	7	11				
1				14	13									1	1	2	1	11	11				
		21		221	113	3	1	3	2		2	39	38	26	15	40	19	111	45	11	1		
6	1	12	2	229	143	3	1	3	2	2	2	36	34	29	23	60	31	99	54	13	1		
		8		23	7	2		1	1			6	2	4		6	3	17	3	3			
				3	3												1	3	2				
				3	3	1								1		1							
				4	4	2									1			6	3				
				1	1							1	1										
				1														1					
				1	1														1				

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS..	MALES	FEMALES	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
100.	Diseases of the pharynx (tonsillitis, septicemia following)	6	3	3	3	3				
	Vincent's angina	1	1				1			
101.	Diseases of the œsophagus (diverticulum)	1	1							
102.	Ulcer of the stomach	40	31	9	10	1	18	4	2	4
	(Operative shock)	3	3				2		1	
	(Operative sepsis)	1	1		1					
103.	Other diseases of stomach (cancer excepted)—									
	Gastritis, acute	10	7	3	5	2	1		1	1
	Dilation of stomach	1		1						1
104.	Diarrhœa and enteritis (und. 2 yrs.)									
	Cholera infantum	3	2	1	2	1				
	Diarrhœa	8	7	1	7	1				
	Enteritis	7	6	1	6	1				
	Entero-colitis	5	3	2	3	2				
	Gastro-enteritis	52	32	20	32	20				
	Ileo-colitis	4	3	1	3	1				
105.	Diarrhœa and enteritis (2 years and over)—									
	Diarrhœa	1		1						1
	Enteritis	5	2	3	1	1		1	1	1
	Gastro-enteritis	15	7	8	1	6	5			2
	Ileo-colitis	2		2		2				
	Duodenal ulcer	15	12	3	4		5	3	2	
	(Operative shock)	1	1		1					
106.	Ankylostomiasis	1	1		1					
107.	Intestinal parasites (Trichinosis)	1	1		1					
108.	Appendicitis	96	63	33	33	13	23	14	1	5
	(Operative shock)	3		3				3		
109a.	Hernias	16	10	6	3		4	4		2
	(Operative shock)	4	4		3		1			
109b.	Intestinal obstructions	43	26	17	8	2	11	10	4	4
	(Operative shock)	5	2	3	1	1		2		
	Intussusception	6	5	1	5	1				
	Volvulus	5	1	4	1	2		2		
110.	Other diseases of the intestines (fecal fistula)	3	3		1		1		1	
	Ischiorectal abscess	1	1						1	
	Ulcer duodenum	5	4	1	1		3	1		
	(Operative shock)	1		1				1		
	Tumor of intestines	1	1				1			
	Prolapse of rectum	1		1				1		
	Stricture rectum	1	1		1					
	Coccidioidal granuloma	1	1		1					
111.	Acute yellow atrophy of the liver	3	3		2		1			
112.	Hydatid tumor of the liver (operative shock)	1	1				1			
113.	Cirrhosis of the liver	110	79	31	27	1	40	16	7	11
114.	Biliary calculi	24	9	15	2		5	9	2	6
	(Operative shock)	6		6				3		3
	(Operative sepsis)	1	1				1			
115.	Other diseases of the liver (abscess of)									
	Inflammation of	5	5		1		2		1	
	Cholecystitis	3	3		2		1			
	Gangrene of gall bladder	9	4	5	1		2	2	1	2
	Rupture of gall bladder	1		1		1				
116.	Diseases of the spleen (abscess of)	2	1	1	1	1				
117.	Simple peritonitis	1	1				1			
118.	Other diseases of digestive system (excepting tuberculosis, cancer)									
	Sub-phrenic abscess	2	1	1		1	1			
	Hemorrhagic pancreatitis	5	5		3		1		1	

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

CAUSES OF DEATH (International Classification)		GRAND TOTALS...	MALES	FEMALES	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
VI. Diseases of the Genito-Urinary System.										
119.	Acute nephritis	49	28	21	15	5	10	14	3	1
120.	Bright's disease	585	387	198	107	28	194	81	67	86
121.	Chyluria									
122.	Other diseases of the kidneys and adnexa (Hydronephrosis)	1	1				1			
	Pyelitis	4	4		1		1		1	
	Pyelonephritis	3	2	1	2	1				
	Pyonephrosis	6	5	1			2	1	2	
	Cystic kidney (operative shock)	2	2				1	1	1	
	Tumor of kidney	2	1	1		1	1			
123.	Calculi of the urinary passage (Operative shock)	1	1	1	1		1	1		
124.	Diseases of the bladder— Abscess of	1	1				1			
	Chronic cystitis	1		1	1	1				
125.	Diseases of the urethra (stricture of)	12	10	2	1		3	1	3	1
		2	2		2					
126.	Diseases of the prostate (hypertrophy of)	11	11		1		4		6	
	(Operative shock)	3	3				2		1	
	Abscess of prostate	1	1		1					
	Tumor of prostate	1	1				1			
	Prostatitis	3	3				2		1	
127.	Nonvenereal diseases of male genital organs									
128.	Uterine hæmorrhage (nonpuerperal)									
129.	Uterine tumor (noncancerous)— Fibro-myoma of	10		10		3		7		
	(Operative shock)	4		4				3		1
130.	Other diseases of the uterus (prolapse of)	2		2				2		
	Pelvic abscess	1		1				1		
	Septicæmia following infection (nonpuerperal)	1		1				1		
	Menopause	2		2				2		
131.	Cysts and other tumors of the ovary	7		7				3		2
132.	Salpingitis	12		12				10		
	(Operative shock)	1		1		1				1
	Tubo-ovarian cyst	2		2				1		1
133.	Nonpuerperal diseases of the breast (cancer excepted)									
VII. The Puerperal State.										
134.	Accidents of pregnancy— Abortion (self-induced)	6		6				4		
	Abortion (criminal)	8		8		1		6		1
	Extra uterine pregnancy	4		4				4		
	Pernicious vomiting of	1		1				1		
135.	Puerperal hæmorrhage (placenta prævia)	4		4				4		
136.	Other accidents of labor— Cesarian section	1		1				1		
	Prolonged labor	1		1				1		
137.	Puerperal septicæmia	12		12				12		
138.	Puerperal albuminuria and convulsions	15		15		1		14		
139.	Puerperal sudden death (acute myocarditis)	1		1				1		
	Puerperal phlebitis	1		1				1		
140.	Following childbirth (not otherwise specified)									
141.	Puerperal diseases of the breast									

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS...	MALES	FEMALES	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
VIII. Diseases of the Skin.										
142.	Gangrene (of foot).....	3	2	1			2			1
	Raynaud's disease	1	1						1	
143.	Furuncle (carbuncle)	1			1					
	Carbuncle (septicemia following) ..	1			1					
144.	Acute abscess (multiple).....	1	1				1			
	Of cervical glands.....	1	1				1			
	Cellulitis face (scratch of nail) ..	1		1						
	Cellulitis hand (septicemia fol.) ..	1		1						
	Pemphigus neonatorum	1	1		1					
	Pemphigus foliaceas	1		1						
	Ulcer leg (septicemia following) ..	1	1							
	Pituriasis rubia	1	1		1					
	Impetigo (septicemia following) ..	1		1		1				
IX. Diseases of the Bones.										
146.	Diseases of the bones (tuberculosis excepted)—									
	Mastoiditis	3	2	1	2	1				
	(Septicemia following)	4	3	1	2		1		1	
	Necrosis maxilla (operative shock) ..	1		1					1	
	Osteomyelitis tibia	1	1				1			
147.	Diseases of the joints (excepting tuberculosis and rheumatism—									
	Purulent arthritis	2	1	1			1	1		
	Arthropathy hip (operative shock) ..	1	1		1					
	Congenital dislocation hip (operative shock) ..	1		1		1				
148.	Amputations									
149.	Other diseases of the organs of locomotion									
X. Malformations.										
150.	(1) Hydrocephalus	5	1	4	1	4				
	(2) Congenital malformation of heart ..	22	9	13	9	13				
	(3) Other congenital malformations.....									
	Cleft palate	4		4		4				
	Imperforate anus	3	2	1	2	1				
	Microcephalus	1		1		1				
	Pyloric stenosis	5	5		5					
	(Operative shock)	2	1	1	1	1				
	Spina bifida	4	2	2	2	2				
	(Operative shock)	1		1		1				
	Malformation urinary bladder.....	1		1		1				
	Arrest of development	1		1		1				
XI. Diseases of Early Infancy.										
151.	(1) Premature birth	125	77	48	77	48				
	(2) Congenital debility, "atrophy," "marasmus," etc.	5	3	2	3	2				
	Icterus neonatorum	2	1	1	1	1				
	Maldevelopment	1		1		1				
152.	Other diseases peculiar to early infancy—									
	(1) Injuries at birth (instrumental delivery) ..	15	12	3	12	3				
	Breech presentation	1	1		1					
	Placenta previa	3	2	1	2	1				
	(2) Asphyxia neonatorum	6	4	2	4	2				
	Atelectasis neonatorum	26	16	10	16	10				
	Hemophilia neonatorum	8	2	6	2	6				
	Hemorrhage from circumcision ..	1	1		1					

VITAL STATISTICS

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Hemorrhage umbilicus	1	1		1					
Melena neonatorum	1	1		1					
Inspiration of food	1		1		1				
Inspiration of vomit	1	1		1					
Infection umbilicus	2		2		2				
Suffocation under bedclothes	2	2		2					
Suffocation (overlaid)	1		1		1				
153. Lack of care.....									
XII. Old Age.									
154. Senility	55	14	41	4	2	3	5	6	34
XIII. Affections Produced by External Causes									
155. Suicide by poison—									
Arsenic	1	1						1	
Bi-chloride mercury	5		5		2		3		
Carbolic acid	7	5	2	2	1	1	1	1	
Chloroform	1		1				1		
Cyanide potassium	13	12	1	2		7		2	1
Lysol	5	4	1	1		3	1		
Strychnine	3	2	1	1			1		
Undetermined poison	1		1				1		
156. Suicide by asphyxia (illuminating gas)	56	45	11	19	2	17	6		2
157. Suicide by hanging or strangulation	15	14	1	5	1	4			
158. Suicide by drowning	14	11	3	3	1	4	1	1	
159. Suicide by firearms	98	89	9	31	2	33	4	8	1
160. Suicide by cutting or piercing instruments	18	16	2	7		5	1		1
161. Suicide by jumping from a high place (from bridge)	1	1		1					
From fire escape	1	1		1					
From pile driver	1								
From window	10	7	3	2	1	3	2		
162. Suicide by crushing									
163. Other suicides									
164. Poisoning by food (ptomaines)—									
From eating clams	2		2				1		1
Crab salad	1		1				1		
Unknown	2	1	1	1			1		
165. Other acute poisonings—									
Arsenic (accidentally self-administered)	1		1						1
Bi-chloride mercury (accidentally self-administered)	3	1	2		1	1	1		
Cyanide (accidentally self-administered)	1	1		1					
Morphine (accidentally self-administered)	1	1		1					
Muratic acid (accidentally self-administered)	1	1				1			
Opium (accidentally self-administered)	1		1				1		
Strychnine manner unknown	1		1				1		
Unknown poison (manner unknown)	1		1				1		
166. Conflagration (in burning building)	12	3	9	2	8		1		
167. Burns (conflagration excepted)—									
Playing with matches	3	1	2	1	2				
From gas stove	1		1		1				
From open grate	1		1						1
From wood stove	1		1						1
From gasoline stove	1		1						1
From vaporizer	1	1		1					

TABLE NO. III—Continued.

[illegible]

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
From electric hot plate.....	1	1	.....	1	.....	.....	.....	.....	.....
From explosion kerosene lamp.....	1	1	.....	.....	.....	1	1	.....	.....
Lighting fire with kerosene.....	1	.....	1	.....	.....	.....	1	.....	.....
From explosion distillate.....	2	2	.....	2	.....	.....	.....	.....	.....
From scalding water.....	3	2	1	1	1	1	.....	.....	.....
From boiling grease.....	1	.....	1	.....	.....	.....	1	.....	.....
168. Absorption of deleterious gases (con- flagration excepted)—	.....	.....	.....	.....	.....	.....	.....	.....	.....
(1) Illuminating gas (accidental)....	52	43	9	20	2	6	5	5	1
(2) Anesthesia (ether during opera- tion).....	1	1	.....	.....	.....	1	.....	.....	.....
(Not stated) (during operation).....	1	1	.....	.....	.....	.....	.....	.....	.....
169. Accidental drowning (in bay of S. F.)	34	34	.....	12	.....	3	.....	.....	.....
(In Pacific Ocean).....	4	4	.....	1	.....	1	.....	.....	.....
(In ponds).....	3	3	.....	2	.....	.....	1	.....	.....
170. Traumatism by firearms.....	6	6	.....	5	.....	1	.....	.....	.....
171. Traumatism by cutting or piercing instrument.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
172. Traumatism by fall—	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over banister.....	2	2	.....	1	.....	.....	.....	.....	.....
Into basement.....	1	1	.....	.....	.....	1	.....	.....	.....
From bed.....	1	.....	1	.....	.....	.....	.....	.....	1
From building.....	9	8	1	5	2	3	.....	.....	.....
Over bulkhead.....	1	1	.....	.....	.....	.....	.....	1	.....
Into bunker.....	1	1	.....	1	.....	.....	.....	.....	.....
Down elevator shaft.....	1	.....	1	.....	.....	.....	.....	.....	.....
Into excavation.....	2	2	.....	.....	.....	1	.....	1	.....
From fire escape.....	1	.....	1	.....	.....	.....	.....	.....	1
On floor.....	21	10	11	4	.....	2	2	3	8
From "go-cart".....	2	1	1	1	1	.....	.....	.....	.....
From ladder.....	3	2	1	.....	.....	2	.....	.....	1
Down light well.....	1	.....	1	.....	.....	.....	1	.....	.....
From loft.....	2	2	.....	2	.....	.....	.....	.....	.....
On pavement.....	12	8	4	3	1	3	2	1	1
From pile-driver.....	1	1	.....	.....	.....	1	.....	.....	.....
Into pit.....	1	1	.....	.....	.....	.....	.....	.....	.....
From platform.....	2	2	.....	2	.....	.....	.....	.....	.....
From porch.....	1	.....	1	.....	.....	1	.....	.....	.....
Into hold of ship.....	7	7	.....	1	.....	5	.....	.....	.....
While skating.....	1	1	.....	.....	.....	.....	.....	.....	.....
Through skylight.....	1	1	.....	.....	.....	.....	.....	.....	.....
From staging.....	2	2	.....	.....	.....	2	.....	.....	.....
Down stairs.....	17	13	4	4	2	3	.....	3	2
From telegraph pole.....	1	1	.....	.....	.....	1	.....	.....	.....
From window.....	7	3	4	1	1	.....	3	.....	.....
On iron stake.....	1	1	.....	.....	.....	1	.....	.....	.....
173. Traumatism in mines and quarries (Explosion in mine).....	1	1	.....	.....	.....	.....	.....	.....	.....
In mine, fracture spine (manner unknown).....	2	2	.....	1	.....	1	.....	.....	.....
In quarry, fracture spine (manner unknown).....	1	1	.....	1	.....	.....	.....	.....	.....
174. Traumatism by machines—	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crushed by elevators.....	4	4	.....	2	.....	1	.....	.....	.....
Crushed by elevator counterweight	2	2	.....	2	.....	.....	.....	.....	.....
In elevator machinery.....	1	1	.....	.....	.....	.....	.....	1	.....
Struck by broken belt.....	1	1	.....	.....	.....	1	.....	.....	.....
Crushed by traveling crane.....	1	1	.....	1	.....	.....	.....	.....	.....
175a. Railroad accidents and injuries—	.....	.....	.....	.....	.....	.....	.....	.....	.....
Struck by locomotive.....	1	1	.....	.....	.....	1	.....	.....	.....
Run over by train.....	6	6	.....	3	.....	1	.....	.....	.....
Run over by freight car.....	1	1	.....	.....	.....	.....	.....	.....	.....
Fall from handcar.....	1	1	.....	.....	.....	1	.....	.....	.....
Fall from locomotive.....	1	1	.....	.....	.....	1	.....	.....	.....
Crushed between freight cars.....	2	2	1	1
Crushed between car and platform	1	1	1

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Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
					1								1			1					
					1								1						1		
					1										1						
					1										1						
					2								1	1		1			1		
					1														1		
1	1	11		43	9							3	2	1	1	9	4	17	2	13	
					1													1			
					1													1			
			19	34								4		1		5		7		17	
			2	4								1						1		2	
				3								1		1				1			
				6								2		1		2		1			
			1		2													2			
					1													1			
						1													1		
					7	1	1					2	1	1		2		3			
					1													1			
					1													1			
					2											1			1		
1	1			10	11	1						1		1	1	4	4	4	5		1
					1	1						1							1		
					2											1			1		
					3													1			
			1		8		4					1			1	3	1	3	2	1	
					1													1			
					1											1					
					2																
1					7							1				1		4			
					1																
					1																
					2																
			3		13		4					2	1	2		1	2		7	1	1
			1		2		4			1		1			1			1	3	1	
					1									1							
			1		1																
					1</																

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
175b. Street car accidents and injuries—									
Struck by cable car.....	12	1	1			1	1		
Fall from electric car.....	1	1						1	
Run over by electric car.....	4	2	2					2	
Struck by electric car.....	24	20	4	8	1	8	1	1	2
Hurled from runaway car.....	1		1					1	
Collision between electric car and wagon.....	6	6				4		1	
175c. Automobile accidents and injuries—									
Run over by auto.....	4	4		3				1	
Struck by auto.....	39	31	8	12	1	9	4	5	3
Crushed by overturning auto.....	5	4	1	1	1	3			
Fall from moving auto.....	3	3		2		1			
Collision bet. auto and electric car.....	6	5	1	3		1	1		
Collision bet. auto and motorcycle.....	2	2		2					
Injured by exploding tire.....	1	1		1					
175d. Injuries by other vehicles—									
Struck by buggy.....	1		1		1				
Run over by truck.....	1	1				1			
Run over by wagon.....	2	1	1	1	1				
Struck by wagon.....	1	1							
Thrown from wagon.....	2	2				2			
Struck by bicycle.....	1	1		1					
Struck by motorcycle.....	1		1		1				
Struck by street-sweeper.....	1	1		1					
175e. Landslide—other crushing—									
By caving sand.....	2	2		1				1	
By closing wall-bed.....	1		1				1		
By swinging boom.....	1	1				1			
By falling fence.....	1	1				1			
By falling wall.....	1	1				1			
By sling-load of freight.....	1	1				1			
By pile-driver hammer.....	1	1		1					
176. Injuries by animals—									
Kicked by horse.....	3	3		1		1			
177. Starvation.....									
178. Excessive cold.....									
179. Effects of heat.....									
180. Lightning.....									
181. Electricity (lightning excepted).....	2	2		1		1			
182. Homicide by firearms.....	64	45	19	8	2	24	14	3	
183. Homicide by cutting or piercing instruments.....	8	7	1	4		2	1		
184. Homicides by other means (blows).....	7	7		3		2			
By gas asphyxiation.....	1	1						1	
By strangulation.....	1		1						
Infanticide.....	2	1	1	1	1				
185. Fractures—									
Of leg, by falling casting.....	1	1				1			
Of skull, by coal bucket.....	1	1				1			
Of skull, manner unknown.....	2	2							
Of spine, struck by beam.....	1	1		1					
186. Other external violence—									
Hem. brain, struck by baseball.....	1	1		1					
Hem. brain, manner unknown.....	2	2		1		1			
Hem. pleural cavity, manner unknown.....	1	1						1	
Foreign body in bronchi.....	1		1		1				
Foreign body in stomach.....	1	1						1	
Rupture spleen, manner unknown.....	1	1							
XIV. Ill-Defined Diseases.									
187. Ill-defined organic disease.....									
188. Sudden death.....									
189. (1) Cause of death ill-defined.....									
(2) Cause of death not specified, or unknown.....									
Decomposed remains.....	1	1							

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FISCAL YEAR ENDING JUNE 30, 1916

[illegible]

TABLE NO. III—Continued.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH														Non-Resident				
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Public Institutions, etc						
	M. F.		M. F.		M. F.		M. F.		M. F.		M. F.		M. F.						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
DEATHS FROM ALL CAUSES.	7249	4519	2730	785	604	336	220	265	249	363	329	184	181	159	28	2427	1108	555	214
I. General Diseases	2064	1291	773	203	163	84	68	60	71	99	83	39	43	8	1	798	344	159	61
II. Diseases of Nervous System	567	292	273	57	71	10	21	23	24	31	36	15	20	2		144	93	35	16
III. Diseases of Circulatory System	1341	803	538	134	140	80	57	70	57	67	76	41	53	29	4	319	149	83	31
IV. Diseases of Respiratory System	867	548	319	91	83	44	27	28	23	43	54	16	25	6	1	320	100	61	16
V. Diseases of the Digestive System	350	300	190	50	33	17	8	18	11	22	17	7	4	1		222	113	58	32
VI. Diseases of Genito-Urinary System	731	463	268	91	47	18	24	26	25	47	34	24	20	3	1	254	112	69	29
VII. The Puerperal State	54	34	19	9	1	1	1	1	1	1	1	1	1	1		8	2	3	2
VIII. Diseases of the Skin	15	10	4	3	1	1	1	1	1	1	1	1	1	1		6	2	2	1
IX. Diseases of the Bones	13	8	5	1	4	5	6	2	2	1	3	3	4	2		11	5	2	3
X. Malformations	49	20	29	1	1	1	1	1	1	1	1	1	1	1		61	37	23	3
XI. Diseases of Early Infancy	202	124	78	13	10	14	10	6	4	23	13	7	6	1		5	11	3	2
XII. Old Age	55	14	41	3	12	1	2	7	3	3	1	1	1	1		5	11	3	2
XIII. Affections Produced by External Causes	740	585	155	81	31	62	4	18	6	27	6	18	3	107	24	272	84	58	13
XIV. Ill-Defined Diseases	1	1				1													
I. General Diseases.																			
1. Typhoid fever	26	19	7	2				1		2	1	1				15	4	4	2
2. Typhus fever																			
3. Relapsing fever																			
4. Malaria	3	2	1	1		1											1		
5. Smallpox																			
6. Measles	1	1	1	1													1		
7. Scarlet fever	8	6	2	1													4		
8. Tetanus	21	8	13	2	5	1	3			1	2	1	3	1			3	1	1
9. Whooping cough	109	61	48	9	11	3	8			1	12	7	3	1			23	2	2
10. Diphtheria	14			5	5					1	1	1					3	1	1

[illegible]

VITAL STATISTICS

TABLE NO. III.—Continued.
REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

[illegible]

TABLE NO. III—Continued
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	PLACE OF DEATH												Non-Resi- dent	
				1st District	2nd District		3rd District		4th District		5th District		En route to Hospi- tals, etc		Pub. Inst- t's, hos- pitals, etc		
					M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
Of orbit	2																
Of testicle	1																
46. Other tumors (except of female genital organs)	1																
Of mediastinum	1																
Of parotid	2																
47. Acute articular rheumatism	5																
48. Chronic rheumatism and gout	8																
49. Scurvy	104	51	53	13	6	3	4	6	12	6	5	1	1				
50. Diabetes	11	1	10	1	1	1	1	1	2								
51. Exophthalmic goitre	3	2	1	1													
52. Addison's disease	17	12	5	4													
53. Leukemia	40	15	25	6	1	2		1	3	1	1	3					
54. Anemia, chlorosis	3	3		2													
55. Other general diseases (acidosis)	53	33	20	5	4			1		1	1	1					
Purpura hemorrhagica	41	14	27														
56. Alcoholism (acute and chronic)	2																
57. Chronic lead poisoning																	
58. Other chronic occupation poisonings																	
59. Other chronic poisonings																	
II. Diseases of the Nervous System.																	
60. Encephalitis	4	3	1														
Abscess of brain	3																
61. (1) Simple meningitis	17	10	7	2	1				2	1	2						
Streptococcic meningitis	3	3		1					1								
(2) Cerebrospinal meningitis	7	4	3														
(3) Epidemic cerebrospinal meningitis	4	2	2														

TABLE NO. III.—Continued
REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH														Non-Resident			
	1st District		2nd District		3rd District		4th District		5th District	En route to Hospital		Pub. Inst., hos- pitals, etc						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
MALES		FEMALES																
GRAND TOTALS...																M.	F.	
Stricture rectum	1	1															1	1
Coccidioid granuloma	1	1															1	1
Acute yellow atrophy of the liver	3	3															1	1
Hydatid tumor of the liver (operative shock)	1	1																
Cirrhosis of the liver	110	79	31	18	10	5	1	8	1	7	5	4	1	2	1	35	13	6
Biliary calculi	24	9	15	1	2											8	5	3
(Operative shock)	6	1														1	5	8
Other diseases of the liver (abscess of)	1	1														1	1	1
Inflammation of	5	5														1	4	2
Cholecystitis	3	3														1	3	1
Gangrene of gall bladder	9	4	5	1	1											3	4	1
Rupture of gall bladder	1	1																
Diseases of the spleen (abscess of)	2	1	1											1		1		
Simple peritonitis	1	1														1		
Other diseases of digestive system (excepting tuberculosis, cancer)	1	1																
Sub-phrenic abscess	2	1	1													1	1	1
Hemorrhagic pancreatitis	5	5														5		1
VI. Diseases of the Genito-Urinary System.																		
Acute nephritis	49	28	21	5	2	2	2	1	4	3	2	2				15	11	4
Bright's disease	585	387	198	79	40	13	21	24	23	43	34	19	20	3	1	206	59	49
Chyluria																		
Other diseases of the kidneys and adnexa (Hydronephrosis)	1	1														1	1	1
Pyelitis	4	4														2	2	1
Pyelonephritis	3	2	1	1								1					1	1

TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH															Non-Resident											
	GRAND TOTALS...			MALES			FEMALES			1st District		2nd District		3rd District			4th District		5th District		En route to Hospital			Pub. Inst- t'ns, hos- pitals, etc			
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.			M.	F.		M.	F.		M.	F.		M.	F.
Melena neonatorum	1			1																							
Inspiration of food	1			1																							
Inspiration of vomit	1			1																							
Infection umbilicus	2			2																							
Suffocation under bedclothes	2			2																							
Suffocation (overlaid)	1			1																							
Lack of care	1			1																							
XII. Old Age.																											
154. Senility	55	14	41	3	12	2	2	7	3	3	1	6															
XIII. Affections Produced by External Causes																											
155. Suicide by poison—																											
Arsenic	1	1																									
Bi-chloride mercury	5	5																									
Carbolic acid	7	7																									
Chloroform	1	1																									
Cyanide potassium	13	12																									
Lysol	5	4																									
Strychnine	3	2																									
Undetermined poison	1	1																									
156. Suicide by asphyxia (illuminating gas)	56	45																									
157. Suicide by hanging or strangulation	15	14																									
158. Suicide by drowning	14	11																									
159. Suicide by firearms	98	89																									
160. Suicide by cutting or piercing instru- ments	18	16																									

TABLE NO. III—Continued
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH																Non-Resi- dent	M. F.
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t'ns, hos- pitals, etc					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
169. Accidental drowning (in bay of S. F.) (In ponds)	34	34												33	1			1
170. Traumatism by firearms	4	4												4				
171. Traumatism by cutting or piercing instrument	6	6											1			4		2
172. Traumatism by fall— Over banister	2	2												1		1		
Into basement	1	1														1		
From bed	1	1																
From building	9	8											1			6		1
Over bulkhead	1	1														1		
Into bunker	1	1														1		
Down elevator shaft	1	1								1								
Into excavation	2	2														2		
From fire escape	1	1														1		
On floor	21	10	11	1	1	1	1	1	1							8	1	2
From "go-cart"	1	1																
From ladder	3	2	1													2		
Down light well	1	1														1		
From loft	2	2														1		
On pavement	12	8	4													1	4	1
From pile-driver	1	1														1		
Into pit	1	1											1					1
From platform	2	2														2		
From porch	1	1																
Into hold of ship	1	1														4		1
While skating	1	1														1		
Through skylight	1	1														1		
From staging	2	2														2		

[illegible]

XIV. Ill-Defined Diseases.

[illegible]

TABLE No. IV.

NATIVITIES OF DECEDENTS, FISCAL YEAR 1915-1916.

Total Deaths During Year.....	7249	West Virginia	5
		Wisconsin	38
		Wyoming	2
NATIVITIES			
San Francisco	1089	Totals	1627
Other Parts of California.....	1021		
Other States and Territories.		Foreign Countries.	
Alabama	13	Africa	1
Alaska	3	Austria	85
Arkansas	8	Australia	27
Colorado	7	Belgium	12
Connecticut	22	Canada	120
Delaware	1	Central America	5
District of Columbia.....	6	China	208
Florida	3	Denmark	51
Georgia	10	East Indies	1
Territory of Hawaii.....	9	England	204
Idaho	4	Finland	28
Illinois	95	France	133
Indiana	46	Germany	644
Iowa	34	Greece	27
Kansas	19	Holland	8
Kentucky	45	Hungary	19
Louisiana	31	Iceland	1
Maine	73	India	2
Maryland	25	Ireland	822
Massachusetts	143	Italy	271
Michigan	54	Japan	55
Minnesota	22	Mexico	54
Mississippi	4	New Brunswick	10
Missouri	98	Newfoundland	7
Montana	6	New Zealand	5
Nebraska	9	Norway	48
Nevada	31	Nova Scotia	23
New Hampshire	17	Philippines	6
New Jersey	28	Porto Rico	3
New Mexico	1	Portugal	15
New York	316	Roumania	9
North Carolina	7	Russia	81
North Dakota	1	Scotland	75
Ohio	106	South America	12
Oklahoma	1	South Africa	3
Oregon	23	Spain	20
Pennsylvania	123	Sweden	115
Rhode Island	9	Switzerland	57
South Carolina	6	Turkey	8
South Dakota	4	Wales	8
Tennessee	24	West Indies	8
Texas	23		
Utah	13	Totals	3290
Vermont	19		
Virginia	24	At Sea	1
Washington	16	Unknown	221

TABLE No. V.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS,
ETC.—FISCAL YEAR ENDING JUNE 30, 1916.

Location	Grand Totals	Males	Females
Deaths from all Causes.....	7249	4519	2730
Sanitary Districts.			
First	1389	785	604
Second	566	336	230
Third	514	265	249
Fourth	692	363	329
Fifth	365	184	181
Totals	3526	1933	1593
Hospitals and Institutions under Control of Board of Health.			
San Francisco Hospital(General).....	701	535	166
*Tuberculosis Hospital	155	135	20
Isolation Hospital	67	36	31
Emergency Hospitals—			
Central	223	180	43
Harbor	38	35	3
Mission	19	14	5
Park	10	7	3
Potrero	2	2	
Smallpox Hospital			
Lepor Hospital	1	1	
Relief Home Aged and Infirm.....	264	198	66
Jails and Prisons	5	5	
Totals	1485	1148	337
Other Hospitals, Sanatoria, Homes and Asylums.			
Adler Sanatorium	36	19	17
Alexander Maternity Hospital	6	2	4
Bering Sanatorium	5	5	
Buell Sanatorium	4	4	
Buena Vista Sanatorium.....	34	20	14
Children's Hospital	71	31	40
Fairmont Hospital	94	60	34
French Hospital	88	56	32
German Hospital	152	108	44
Hahnemann Hospital	80	44	36
Hebrew Home Aged Disabled.....	7	5	2
Home Aged (Little Sisters of the Poor).....	68	22	46
Home for Incurables.....	25	12	13
Irving Sanatorium	4	3	1
Lane Hospital	170	112	58
Mary's Help Hospital	125	64	61
Morton Hospital	16	10	6
Mount Zion Hospital	93	59	34

* Deaths from July 1 to Dec. 31, 1916, charged to General Hospital.

TABLE No. V.—Continued

Location	Grand Totals	Males	Females
Neal Institute	1	1	
Old Ladies' Home (Lick).....	1		1
Old People's Home	11	5	6
Pacific Hebrew Home.....	3	1	2
Protestant Orphan Asylum	2	2	
Robinson Sanatorium	1		1
Roman Catholic Orphan Asylum.....	8	4	4
San Francis Girls' Directory.....	5		5
St. Francis Hospital.....	121	74	47
St. Joseph's Hospital.....	113	59	54
St. Luke's Hospital	181	117	64
St. Mary's Hospital	134	82	52
St. Winifred's Hospital	22	14	8
S. P. Railroad Hospital.....	73	73	
St. Catherine's Home	2		2
Trinity Hospital	22	12	10
University of Cal. Hospital.....	100	59	41
Union Iron Works Hospital.....	5	5	
Wakefield Sanatorium	4	3	1
Ward (Florence) Hospital	21	10	11
S. F. Polyclinic Hospital.....	1	1	
P. P. I. E. Hospital.....	19	13	6
Totals	1928	1172	756
United States Institutions.			
U. S. Marine Hospital.....	40	39	1
Letterman General (Army).....	72	64	8
Presidio Reservation	8	2	6
Yerba Buena Island Naval Station.....	1	1	
Fort McDowell	1	1	
Totals	122	107	15
En route to Hospital.....	112	91	21
Bay of San Francisco.....	43	41	2
Pacific Ocean	6	5	1
On Vessels in Bay, etc.....	15	13	2
Golden Gate and other Parks.....	11	8	3
Reservoirs and Ponds.....	1	1	
Totals	188	159	29

VITAL STATISTICS

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TABLE VI.
REPORTS OF INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1915-16

TO	1915						1916						TOTALS
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
San Francisco Cemeteries													
Calvary Receiving Vault.....	0	0	0	0	0	0	0	0	0	0	0	0	0
L. O. F. Rec. Vault.....	0	0	0	0	0	0	0	0	0	0	0	0	0
L. O. F. (For Cremation).....	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Vault.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Masonic Vault.....	8	8	12	12	14	18	12	7	15	13	12	4	135
National Presidio.....	0	0	0	0	0	0	0	0	0	0	0	0	0
U. S. Marine Hospital.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Yerba Buena Island.....	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo County Cemeteries													
Cypress Lawn (Interments).....	94	89	81	93	88	95	92	80	84	80	67	67	1010
Cypress Lawn (Cremations).....	44	55	46	48	48	70	70	57	54	47	60	57	656
Eternal Home.....	5	4	5	10	4	4	6	4	8	4	2	2	58
Green Lawn.....	8	2	6	5	6	15	4	6	2	7	6	6	73
Hills of Eternity.....	4	2	7	7	8	13	12	7	6	6	8	7	87
Holy Cross.....	156	158	178	172	179	205	215	169	202	181	160	146	2121
Home of Peace.....	3	7	4	6	13	7	9	3	4	12	4	9	83
Italian.....	42	33	30	28	45	41	45	20	47	35	29	32	427
Japanese.....	0	2	0	1	2	1	0	2	1	3	1	2	15
Mt. Olivet.....	64	57	66	71	50	80	104	68	71	63	62	68	824
Mt. Olivet—Cremations.....	16	15	20	24	22	30	20	17	19	18	21	9	231
Salem.....	5	7	7	14	14	15	18	6	7	6	16	12	127
San Mateo—Chinese.....	22	25	16	22	20	18	19	10	13	22	13	20	220
Servian.....	1	1	1	1	0	0	1	0	2	1	2	0	10
Sunset—Indigent.....	49	46	60	52	57	66	61	65	55	43	35	26	615
Woodlawn.....	8	5	12	11	7	7	8	11	8	8	7	7	99
Medical Colleges.....	2	4	11	10	8	8	10	6	9	20	23	15	126
Outside Points.....	76	99	102	86	97	107	92	79	62	67	58	67	992
Total.....	609	619	664	673	682	800	798	617	689	636	586	556	7909
No. of Indigent Dead Interred.....	71	57	60	63	83	68	81	66	70	71	43	39	772

TABLE VII.
REPORT OF DISINTERMENT AND REMOVAL PERMITS ISSUED DURING FISCAL YEAR 1915-16

CEMETERIES	1915										1916		Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	
DISINTERMENTS FROM.													
Calvary Cemetery	7	36	14	16	38	29	23	27	34	17	30	20	291
City Cemetery	0	0	0	0	0	0	0	0	0	0	5	5	10
I. O. O. F. Cemetery (Bodies).....	12	10	8	14	6	6	7	1	13	7	10	12	106
I. O. O. F. Cemetery (Ashes).....	0	0	3	2	0	6	0	3	1	0	1	1	11
Laurel Hill Cemetery	3	10	2	5	6	6	0	1	5	6	6	3	53
Masonic Cemetery	3	3	2	9	4	0	1	4	2	13	1	4	46
Mission Dolores Cemetery	0	0	0	0	0	0	0	0	0	0	1	1	1
National (Presidio) Cemetery	0	0	0	0	0	0	1	2	1	0	0	0	4
U. S. Marine Hospital Cem.....	0	0	0	0	0	0	1	0	0	0	0	0	0
Cooper Medical College.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	25	59	29	46	54	41	32	38	56	43	53	46	522
REMOVALS TO													
Cypress Lawn Cemetery	6	6	8	20	11	8	3	2	8	11	6	9	98
Eternal Home Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Lawn Cemetery	9	1	0	0	0	0	1	0	0	0	0	0	11
Hills of Eternity Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Holy Cross Cemetery	7	40	9	16	35	30	22	29	32	17	32	23	262
Home of Peace Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Italian Cemetery	0	0	0	0	0	0	0	0	0	0	5	3	8
Japanese Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Mt. Olivet Cemetery	0	3	4	3	2	2	5	2	3	2	4	7	37
Salem Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo (Chinese) Cemetery.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunset Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National, S. F. Cemetery.....	2	0	0	0	0	0	0	0	0	0	0	0	2
Woodlawn Cemetery	0	1	2	5	3	0	0	4	0	11	2	0	29
I. O. O. F. Crematory	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Cemetery (Ashes).....	0	0	0	0	0	0	0	0	0	0	0	0	0
Masonic Cemetery (Ashes)	0	0	0	0	0	0	0	1	0	0	0	0	1
To Homes (Incinerated Ashes)....	0	0	3	0	0	0	0	0	1	0	0	0	4
Cal. Interior (Bodies)	0	7	0	0	3	0	1	0	11	2	4	3	31
Cal. Interior (Ashes)	0	0	0	1	0	0	0	0	0	0	0	0	1
Other States	1	0	3	1	0	0	0	0	1	0	0	1	7
Total.....	25	59	29	46	54	41	32	38	56	43	53	46	522

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